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ABSTRACT

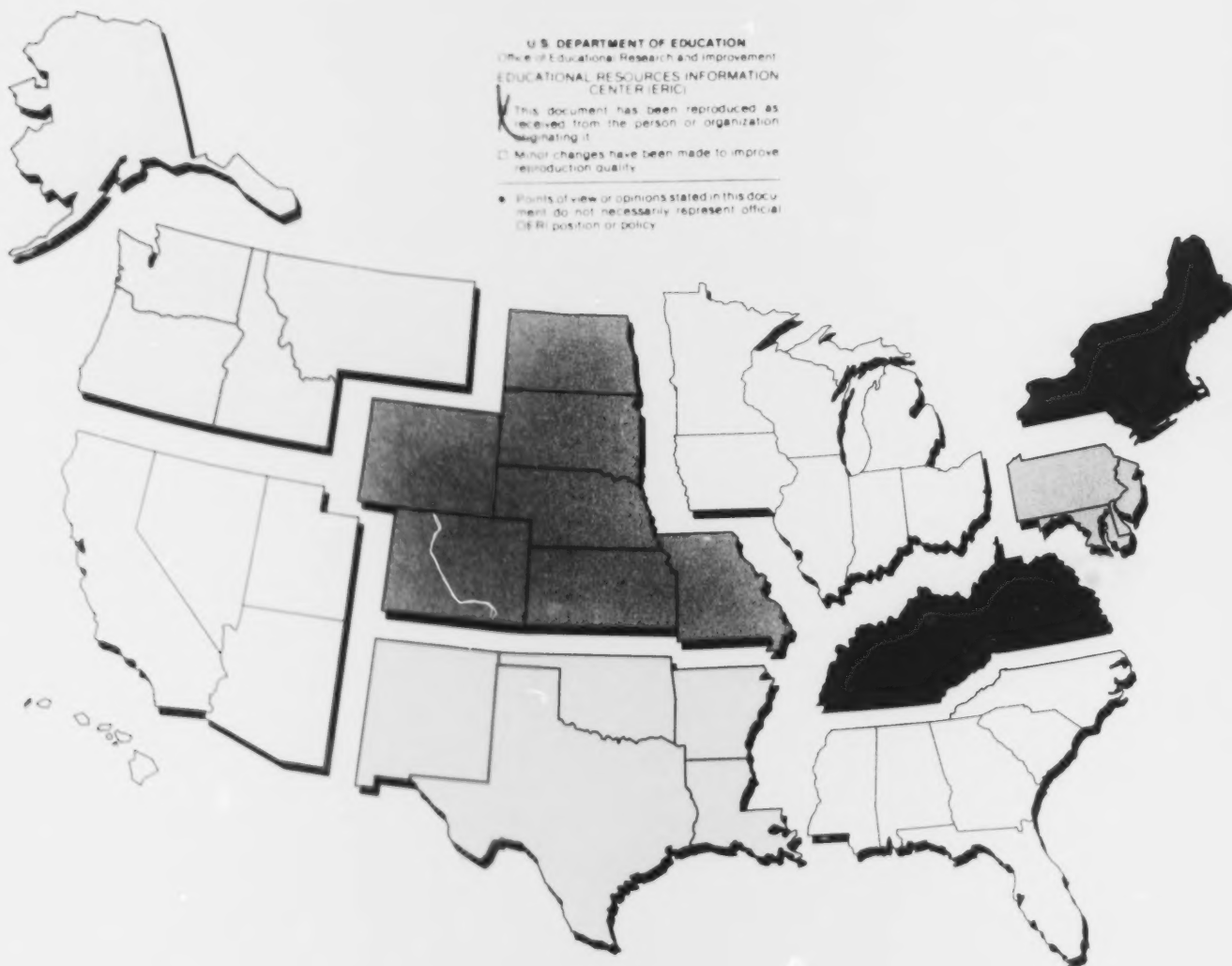
This guidebook, a comprehensive national directory of Federal offices, programs, and facilities supporting K-12 education in mathematics and science, was designed to inform educators and the public about Federally-supported resources in these subjects and to increase access to them. It contains information about Federal offices and programs at the national and regional levels and also lists state-by-state contacts for many of these resources. Sixteen Federal agencies collaborated with the Eisenhower National Clearinghouse (ENC) to produce this publication. Section One contains general information about the 16 agencies and highlights their involvement in mathematics and science education, acquaints the reader with agency-specific background information, and lists its administrative offices for mathematics and science education. Section Two features nationwide agency-sponsored mathematics and science programs for elementary and secondary education. Each program entry includes the program name, a brief program description, and contact information. Section Three lists, by state and region, those agency resources available at the local level. Although this Guidebook does not list all federally-funded education programs, it does provide contacts that can supply additional information. (JRH)

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Eisenhower National
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Science Education

The Guidebook of Federal Resources for K-12 Mathematics and Science

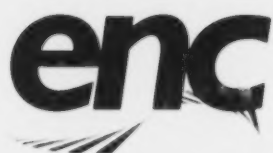


1996

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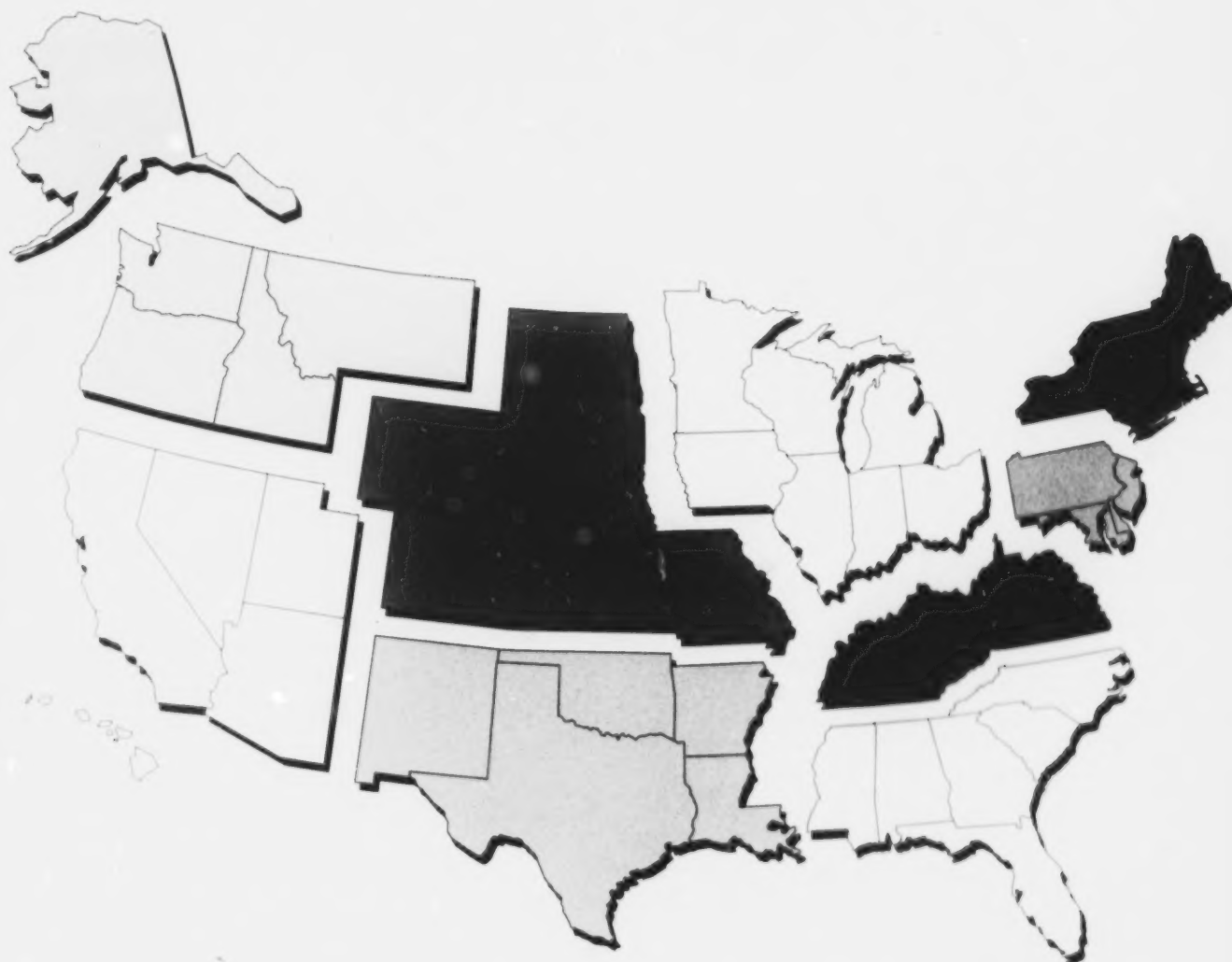
The Guidebook of Federal Resources for K-12 Mathematics and Science was produced by the Eisenhower National Clearinghouse for Mathematics and Science Education (ENC).
Comments or corrections should be forwarded to ENC.

Eisenhower National Clearinghouse
The Ohio State University
1929 Kenny Road
Columbus, OH 43210-1079
(614) 292-7784/Fax: (614) 292-2066
E-mail: guidebk@enc.org



Eisenhower National
Clearinghouse
for Mathematics and
Science Education

The Guidebook of Federal Resources for K-12 Mathematics and Science



1996



U. S. DEPARTMENT OF EDUCATION
OFFICE OF EDUCATIONAL RESEARCH AND IMPROVEMENT

OFFICE OF REFORM ASSISTANCE AND DISSEMINATION

Dear Reader:

The *Guidebook of Federal Resources for K-12 Mathematics and Science* is a comprehensive national directory of Federal offices, programs and facilities supporting K-12 education in mathematics and science. It is intended to inform educators and the public about Federally-supported resources in these subjects and to increase access to them. This publication contains information about Federal offices and programs at the national and regional levels and also lists state-by-state contacts for many of these resources in your region.

This is the third edition of the *Guidebook* prepared by the Eisenhower National Clearinghouse for Mathematics and Science Education (ENC). It updates information contained in the regional edition published in the spring of 1995 as the *Guidebook to Excellence*. Federal program information found in the *Guidebook* is also available in electronic format as part of ENC's effort to provide online information and resources for mathematics and science educators, including an extensive catalog of K-12 curriculum materials.

The Eisenhower Regional Consortia for Mathematics and Science Education are helping to distribute *The Guidebook of Federal Resources for K-12 Mathematics and Science* in their regions. The Regional Consortia provide technical assistance and disseminate information in order to improve mathematics and science education. We expect the Eisenhower National Clearinghouse and Regional Consortia, working together, to be a significant force for reaching National Education Goal Five, that American students will be first in the world in mathematics and science achievement by the year 2000.

We believe you will find *The Guidebook of Federal Resources for K-12 Mathematics and Science* to be a valuable tool as you seek ways to enrich and improve students' learning and performance in mathematics and science.

Sincerely yours,

Eve M. Bither

Eve M. Bither
Acting Director

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Foreword

The Eisenhower National Clearinghouse for Mathematics and Science Education (ENC) is pleased once again to publish a national directory of Federal resources for K-12 mathematics and science. *The Guidebook of Federal Resources for K-12 Mathematics and Science* is part of the continuing effort to identify and disseminate resources that strengthen mathematics and science education in the United States. The publication identifies by region mathematics and science education facilities and contacts for programs administered by each Federal agency or department. ENC has worked closely with representatives from many Federal agencies to compile the information in this publication.

Eisenhower National Clearinghouse provides K-12 teachers throughout the United States with a comprehensive source of information about mathematics and science curriculum materials. ENC is located at The Ohio State University and funded through a contract with the U.S. Department of Education's Office of Educational Research and Improvement. Information about curriculum resources is available online through ENC's electronic catalog, in print through a variety of publications, and beginning this year, on CD-ROM.

Information in the *Guidebook* is also available through ENC Online, ENC's World Wide Web site available via Internet or by modem access using a toll-free number. For additional information about how to access ENC Online, refer to the following pages.

The Eisenhower National Clearinghouse works closely with the Eisenhower Regional Consortia in the national effort to support systemic improvement of mathematics and science education. The Regional Consortia and the Clearinghouse collaborate on identifying and distributing mathematics and science curriculum materials and on identifying products and services that support the professional development of teachers and other education professionals.

I wish to thank the representatives of the Federal agencies who provided the information included in the *Guidebook*. I also wish to acknowledge the information-gathering and production support provided by Aspen Systems Corporation staff, and the work of the ENC Publications team who made this edition of the *Guidebook* possible.

Dr. Len Simutis, Director
Eisenhower National Clearinghouse for Mathematics and
Science Education

How To Use This Directory

The Guidebook of Federal Resources for K-12 Mathematics and Science



**Eisenhower National
Clearinghouse
for Mathematics and
Science Education**

The purpose of *The Guidebook of Federal Resources for K-12 Mathematics and Science* is to assist educators, parents, and students across the country in attaining the National Education Goals, particularly Goal 5: *By the year 2000, U.S. students will be first in the world in science and mathematics achievement.*

The *Guidebook* will improve the education community's awareness of the Federal Government's extensive commitment to mathematics and science education. Sixteen Federal agencies collaborated with the Eisenhower National Clearinghouse to produce this publication. Although the *Guidebook* contains valuable information for anyone involved in mathematics and science education, its focus is on the elementary and secondary levels.

The *Guidebook* consists of three sections:

Section One: Agency Overviews

Section One contains general information about each of the 16 agencies. Listed alphabetically, each agency highlights its involvement in mathematics and science education, and acquaints the reader with agency-specific background information. Each agency also lists its administrative offices for mathematics and science education— to give readers a source for additional information on its organization and operation.

Section Two: National Programs for Elementary and Secondary Education

Section Two features nationwide agency-sponsored mathematics and science programs for elementary and secondary education. Again listed alphabetically

by agency, each program entry includes the program name, a brief program description, and contact information. Readers searching for a particular type of program may refer to the Index on pp. I-1 to I-4 of this publication, which lists all national programs alphabetically within each program category.

Section Three: State Highlights

Section Three lists, by State and region, those agency resources available at the local level. Each regional subsection begins with a description of the Eisenhower Regional Consortium for that region. By referring to the State-by-State listing of facilities and contacts for mathematics and science education, readers can easily discover what resources are available within their own States or jurisdictions. Readers should also examine programs listed for neighboring States or for States they are planning to visit.

A comprehensive mathematics and science education resource directory for K-12 programs, the *Guidebook* describes programs that assist students who will go on to study in college or technical school, as well as programs to improve general mathematics and science literacy. Although the *Guidebook* does not list all federally-funded education programs, it does provide contacts that can supply additional information. Recognizing that efficient use of time and resources is critical to meeting the National Education Goals, agencies have included a description within each of their entries to help readers determine which programs and contacts may prove most valuable.

The *Guidebook's* contents are also available online through ENC Online at <http://www.enc.org>. The *Guidebook* will be successful to the extent that it helps the education community locate Federal resources to support their efforts to improve mathematics and science education.

Eisenhower National Clearinghouse for Mathematics and Science Education (ENC)

About ENC

As States and local school districts create new curriculum frameworks for mathematics and science, teachers are asked to change the strategies they use in their classrooms. As a result, they require materials to support the new strategies and often may be at a loss to know where to find what they need. The Eisenhower National Clearinghouse (ENC) was established to provide K-12 teachers with a central source of information on mathematics and science curriculum materials.

The U.S. Department of Education recognizes the efforts expended by mathematics and science educators to develop standards and improve mathematics and science teaching. The Department also recognizes the need to identify, collect, disseminate, and adopt successful materials and programs, especially those emanating from Federal support. Through a contract from the Department, to The Ohio State University, ENC was established in 1992 in Columbus, Ohio, to promote excellence in mathematics and science education in American elementary, middle, and secondary schools.

About This Guidebook

The *Guidebook of Federal Resources for K-12 Mathematics and Science* is a comprehensive resource directory for Federal K-12 programs that provides information to educators, parents, and students and demonstrates to the education community the extent of the Federal Government's commitment to mathematics and science education.

Sixteen Federal agencies and departments collaborated with ENC to produce this annual publication. Although its focus is on elementary and secondary education, the *Guidebook* contains valuable information for anyone involved in mathematics and science education. To help readers determine which programs may prove most valuable, a program description accompanies each entry, along with an agency contact person who can supply additional information.

ENC Collection

ENC has acquired and cataloged several thousand items, including print materials, video, audio, graphic images, software, kits, and Internet resources from a variety of sources, including Federal and State agencies, commercial publishers, and professional associations. Two ENC repositories hold materials collected, one at The Ohio State University and one in Washington, DC, in collaboration with The George Washington University. Categories of materials include the following:

- **Printed Documents** such as activity guides, teacher and student guides, sourcebooks, reference materials, textbooks, program descriptions, published articles, directories, bibliographies, and technical information about instructional equipment.
- **Magnetic and Optical Media** such as software, images (e.g., GIF, JPEG, EPS), CD-ROMs, optical and laser discs, videotapes, and audiotapes.
- **Projected Media** such as films, slides, filmstrips, overhead transparencies, microfiche, and microfilm.
- **Real Objects** such as kits, manipulative materials, microcomputer-based packages and probeware, instructional models, games and simulations, assorted instructional aids (e.g., posters, maps, charts), and laboratory or field equipment.
- **Virtual Resources** that include education resources available on the Internet such as World Wide Web pages, ftp sites, listserv archives, and frequently asked questions (FAQs) files.

ENC Online

By accessing ENC Online, users may readily obtain a variety of Internet resources, including a listing of the information in this *Guidebook* on Federal programs serving mathematics and science education, the ENC Resource Finder, resources from other education

databases, and information and materials on education reform. ENC users may also download software for navigating the Internet, as well as for image viewers and other utilities.

Anyone with a computer and a modem or Internet access may use ENC Online. If you need assistance, a technical help desk is available to answer questions about online access through the toll-free telephone number (800) 621-5785.

Accessing ENC:

Internet:

With an Internet connection, use the telnet command to connect to **enc.org** and login as **guest**.

Using World Wide Web software, it is also possible to connect to ENC at **http://www.enc.org**. A login is not necessary.

Modem:

With a modem, dial (800) 362-4448 for toll-free access. (Although not toll free, dialing (614) 292-9040 also provides access.)

Set communication software to:

VT100 terminal emulation

No parity, 8 data bits, 1 stop bit.

Once connected, press RETURN or ENTER once to bring up a screen and type **c** to begin. Login as **guest** as though using telnet.

ENC Resource Finder

The ENC Resource Finder, an online catalog of K-12 curriculum resources, is designed to meet the needs of teachers looking for valuable information about classroom materials. With input from teachers on types of information they want to see in a catalog record, ENC developed a unique and comprehensive resource to aid teachers who often have limited time and unlimited needs.

Catalog records contain a wealth of information, and are easy to search through ENC Online. Each record has more than 20 fields, including standard library fields—title, author, subjects, publication date, and publisher—as well as fields unique to the needs of educators—grade level, table of contents, evaluation, and resource type.

Catalog entries provide detailed information about resources and enable ready access to materials that enhance classroom activities and support profes-

sional development. For example, Resource Finder includes extensive information on:

- **Content**—ENC's abstracts are detailed and comprehensive, with sufficient information about a resource to help teachers make informed decisions for their classroom needs. The abstracts contain information about instructional methods, assessment, intended outcomes, and any special features, including appendices and bibliographies.
- **Evaluation**—A significant part of ENC's mission is to locate and include evaluative information about the resources cataloged by the Clearinghouse. Such evaluations include awards, field tests, and citations in journals and magazines. In addition, ENC collects evaluative data from teachers who use these materials in their classrooms. Teachers are invited to contribute their comments about resources through forms linked to the catalog record.
- **Standards**—Because districts and teachers emphasize the need for State and national standards for educators, the ENC catalog contains information about linking certain materials to mathematics and science standards. When a resource meets particular standards, as indicated by the author or publisher, that information is detailed in the **Standards** field.

Educator's Kiosk

As part of ENC Online, the Eisenhower National Clearinghouse gathers and presents activities and opportunities beneficial to K-12 mathematics and science education. Users may search activities such as workshops, conferences, and course offerings, or submit their own activity to add to the offerings listed.

Types of activities which users may register include:

- Workshops for inservice and/or preservice teachers.
- Summer institutes for teachers.
- Laboratory-based experiences for teachers and/or students.
- Special course offerings for teachers or students at colleges or universities.
- State, regional, and national conferences.
- Training sessions for administrators.

Similarly, users may search for (or submit) opportunities that may include scholarships, funding opportunities, and surplus equipment or supplies.

Types of opportunities which users may register include:

- Availability of company surplus equipment or supplies.
- Availability of grant funds from State assistance programs.
- Funding initiatives from private philanthropic organizations.
- Federally-funded grant or contract availability.
- Scholarship competitions.

ENC Reference Staff

ENC reference staff answer questions concerning curriculum resources and can help you make the best use of Clearinghouse resources. Call them if you need assistance with:

- Locating K-12 teaching resources for use in your classroom.
- Identifying exemplary K-12 programs in mathematics and science.
- Targeting federally-funded efforts to support mathematics and science teaching.
- Using the ENC Resource Finder.
- Answering other K-12 mathematics or science education-related questions.

ENC Online lets users give feedback or ask questions directly from the Web pages. For example, teachers can go to the ENC Virtual Reference Desk, submit a question, and mail it electronically to ENC staff; reference staff will respond within 3 to 5 working days.

ENC Collaborative Efforts

ENC collaborates with the 10 Eisenhower Regional Consortia and in conjunction with the Consortia has established 12 regional demonstration sites. The 12 sites provide educators across the Nation a place for hands-on access to ENC online resources. For more information about the Consortia, refer to the preface for each region in Section 3 of this *Guidebook*.

ENC Is Always Seeking Mathematics and Science Materials

Publishers, Federal agencies, professional organizations, and teachers can provide broad access to information about their curriculum materials.

ENC's audience is anyone looking for science and curriculum materials, including:

- K-12 teachers looking for quality materials for their mathematics and science classrooms.
- Library and media specialists searching for mathematics and science materials for clients.
- School administrators and curriculum developers seeking materials that facilitate curriculum reform.
- K-12 mathematics and science students.
- University faculty conducting research, developing new curricula, and educating preservice teachers.
- Parents and community members interested in mathematics and science resources.

If you know of valuable materials for mathematics and science teachers, tell us! Contact ENC's Acquisitions Coordinator and mention the items you would like to see in the collection. Please provide as much information as possible about the items to help us find them. In addition, we actively seek information available on the Internet, such as World Wide Web (WWW) sites where educational materials are stored. If you maintain such a site, or know of one, please let us know.

ENC Products

ENC on Disc

CD-ROMs are another way to access curriculum materials and the ENC Resource Finder. ENC's CD-ROM catalog duplicates the online catalog and can be easily searched. CD-ROMs can contain thousands of text pages as well as sound, images, and digital video. ENC will produce four CD-ROMs in the 1996-97 school year. Two will contain information for teachers on State curriculum frameworks, assessment methods, standards, equity issues, and professional

development, as well as materials describing innovative practices in mathematics and science education. The remainder will contain curriculum materials that teachers may use in the classroom. Many materials on CD-ROM will be free of copyright restrictions and fully available for classroom use. ENC will distribute one free copy of each CD-ROM to those U.S. public schools that have a CD-ROM drive and who have requested one on school letterhead.

ENC in Print

In addition to the *Guidebook of Federal Resources for K-12 Mathematics and Science*, ENC produces free publications for teachers and others interested in education. Publications are available from ENC or ENC Online:

- **ENC Focus**—Published periodically, *ENC Focus* pulls together information about a select group of mathematics and science curriculum resources on various topics, including equity in the classroom, integrating mathematics and science, data analysis, and hands-on resources.
- **ENC Update**—A newsletter published three times per school year, *ENC Update* features information about ENC and promising uses of technology in education.
- **Perspectives on Reform in Mathematics and Science Education**—ENC, in cooperation with the American Association for Advancement of Science (AAAS), the National Council of Teachers of Mathematics (NCTM), and the National Science Teachers Association (NSTA), prepared these three monographs focusing on science and mathematics reform.

Envisioning the Future

ENC, through its comprehensive collection of mathematics and science curriculum materials, is providing the means necessary to support teachers and students striving toward the goal of being first in the world in mathematics and science achievement.

For Additional Information About ENC

General Information

Toll-Free Telephone: (800) 621-5785
Direct Telephone: (614) 292-7784
E-mail: info@enc.org
Fax: (614) 292-2066
Hours: Monday–Friday: 8 a.m.–5 p.m./ET

Technical Help Desk

Toll-Free Telephone: (800) 621-5785
Direct Telephone: (614) 292-9590
E-mail: help@enc.org
Hours: Call the toll-free number for hours when the Technical Help Desk is staffed.

Reference Desk

Toll-Free Telephone: (800) 621-5785
Direct Telephone: (614) 292-9734
E-mail: library@enc.org
Hours: Call the toll-free number for hours when the Reference Desk is staffed.

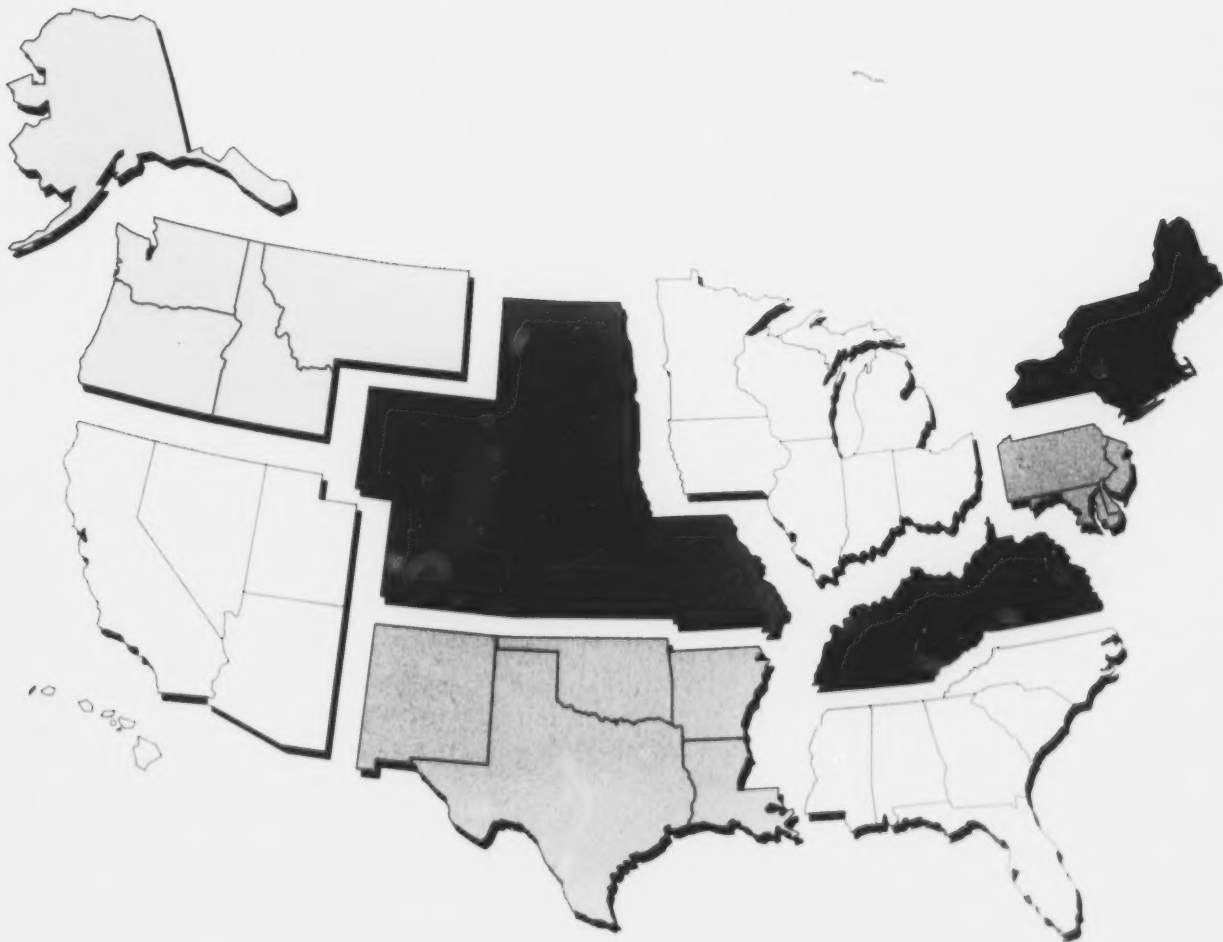
Acquisitions

Toll-Free Telephone: (800) 621-5785
Direct Telephone: (614) 292-8389
E-mail: submit@enc.org

Mailing Address

Eisenhower National Clearinghouse for
Mathematics and Science Education
The Ohio State University
1929 Kenny Road
Columbus, OH 43210-1079

Agency Overviews



U.S. Department of Agriculture



T*o compete effectively in the increasingly complex world of international agribusiness and agriculture, America needs professionals who are highly skilled in the food and agricultural sciences. USDA is committed to developing human resources by strengthening its sponsorship of science and mathematics programs at all levels of learning.*

Dan Glickman, Secretary
U.S. Department of Agriculture

Mission

The U.S. Department of Agriculture (USDA) is authorized to provide the leadership, oversight, and management necessary to ensure that the United States has adequate supplies of high-quality food and fiber. The Department supports and conducts a wide range of research, development, extension, and education activities to achieve that mission.

Background

On May 15, 1862, President Abraham Lincoln signed the act creating the U.S. Department of Agriculture. The Department has since helped to make American agriculture the most productive in the world, giving the American people the most varied and wholesome food supply for the smallest share of disposable income of any people in the world. On July 2, 1862, President Lincoln signed the Morrill Land-Grant College Act, which established colleges in each State to educate young men and women in agriculture, bringing higher education within reach of youth of ordinary means and elevating what had been called "agricultural training" to a scientific enterprise. In 1890 an additional group of 17 Historically Black Colleges and Universities was given land-grant status to enable the Department to serve all populations. The Food and Agriculture Act of 1977 designated USDA as the lead Federal Agency for higher education in the food and agricultural sciences.

Role in Mathematics and Science Education

USDA's education efforts have helped produce scientific and nonscientific professionals who have made American agriculture the most effective and efficient agricultural system in the world. The Department has effected the transfer of new technologies and scientific knowledge via research agencies, such as the Cooperative State Research, Education, and Extension Service; the Agricultural Research Service; and the Forest Service. USDA is also home to the National Agricultural Library, the largest agricultural library in the world. Other USDA agencies with research and education programs include the Agricultural Cooperative Service, the Animal and Plant Health Inspection Service, the Agricultural Marketing Service, the Human Nutrition Information Service, the Foreign Agriculture Service, the Natural Resources Conservation Service, and the National Agricultural Statistics Service.

Elementary and Secondary Education

USDA precollege activities devoted exclusively to mathematics and science are few. However, its Ag in the Classroom Program provides national coordination for States, helping to increase K-12 students' awareness of agriculture's role in the economy and society. USDA's Research Apprenticeship Program annually supports approximately 200 high school students' (primarily minority and female youth) hands-on research experience with scientists in Federal and university laboratories. Scientific literacy among students in grades K-12 is sustained by support from the many 4-H Youth Development Programs. Teacher enhancement is an integral part of these programs.

Higher Education

Because of the need to educate scientists and other leaders for the future, USDA was designated as the lead Federal agency for higher education in the food and agricultural sciences. Program areas include agriculture, natural resources and forestry, veterinary medicine, home economics, and closely allied disciplines. In response to its congressional mandate,

USDA established the Office of Higher Education Programs, which provides national leadership to:

- Achieve and maintain excellence in college and university programs in the food and agricultural sciences.
- Produce outstanding graduates to satisfy the Nation's requirements for scientific and professional expertise.
- Enhance the complementarity and synergism of research and teaching.

In this guise, USDA supports the development of expertise through both predoctoral traineeships at universities and postdoctoral traineeships in Federal laboratories as mechanisms to train personnel for critical positions with government, academia, and the private sector.

USDA's role in undergraduate education is even more extensive. The Office of Higher Education Programs (HEP) functions primarily as a catalyst to promote excellence in education, working in close alliance with the States, the college and university systems, and the private sector. HEP administers several high-priority programs to enhance the quality of education and to develop outstanding scientific and professional expertise at colleges and universities across the Nation: minority expertise development through the Minority Scholars Program, launched in 1994; institutional enhancement through three grants programs, one formula and two competitive, amounting in fiscal year 1994 to approximately \$15 million; and national projects that enhance the development of issues and information and the development of strategic planning.

Public Understanding of Science

USDA fosters public understanding of science through a variety of programs, including an annual Food Safety Campaign, held to coincide with National Consumers Week; a Nutrition Education and Training Program; a USDA Meat and Poultry Hotline; and the Agricultural Research Service's 127 Federal laboratories, which provide tours and open house activities to educate the general public on new developments in agricultural research.

How Mathematics and Science Education Programs Are Administered

The Under Secretary for Research, Education, and Extension has overall authority for educational initiatives in USDA. Most agencies referenced in this sec-

tion are under the Under Secretary's direct purview. The Office of Higher Education Programs of the Cooperative State Research, Education, and Extension Service is the operating division most involved with college and university science education. The USDA Joint Council on Food and Agricultural Sciences, established by Congress a decade ago, encourages and coordinates agricultural sciences throughout the United States and among USDA agencies. Its members represent producers, industry, and State and Federal agencies and institutions. USDA offers an unparalleled national network for advancing science and education through its Federal laboratories, State Agricultural Experiment Station System, university scientists and educator cooperators, professional staff, and volunteer lay leaders.

Administrative Offices for Mathematics and Science Education

Agricultural Research Service

The Agricultural Research Service operates 122 Federal laboratories and research centers nationwide and 5 overseas. Scientists at these laboratories are valuable resources for science-enrichment initiatives at the precollege and college levels.

Administrator, Agricultural Research Service
U.S. Department of Agriculture
Room 352-A, Administration Building
14th Street and Independence Avenue SW
Washington, DC 20250-0301
(202) 720-3656

Cooperative State Research, Education, and Extension Service (CSREES)

The Cooperative State Research, Education, and Extension Service advances science and technology in support of agriculture, forestry, people, and communities in partnership with the State Agricultural Experiment Station System and the State Cooperative Extension System. CSREES also serves as the Federal partner in the Cooperative Extension System, a unique educational partnership with land-grant institutions in each State, territory, and the District of Columbia. The partnership includes more than 130 colleges of agriculture; 59 agricultural experiment stations; 57 cooperative extension services; 63 schools of forestry; 16 of the 1890 historically black land-grant institutions and Tuskegee University; 27 colleges of veterinary medicine; 42 schools and colleges of family and consumer sciences; 29 of the 1994

Native American land-grant institutions; 127 Hispanic-serving institutions, including 81 members and 45 associate members of the Hispanic Association of Colleges and Universities. The Cooperative Extension System is a valuable resource for technology transfer and issue identification at all educational levels. CSREES administers the 4-H Program, which is one of the largest informal youth development programs in the country. The local county Cooperative Extension Service office can be contacted for more information about educational programs. Offices are listed under local government in the telephone directory. CSREES has abundant opportunities to link students with ongoing science programs.

Administrator, Cooperative State Research,
Education, and Extension Service
U.S. Department of Agriculture
Room 305-A, Administration Building
14th Street and Independence Avenue SW
Washington, DC 20250-2201
(202) 720-4423/Fax: (202) 720-8987
E-mail: CSREES@reeusda.gov

Forest Service

The Forest Service expanded its involvement in conservation education in 1990 by launching the Natural Resource Conservation Education Program (NRCEP), which was developed to help implement the Environmental Education Act of 1990. The program was established servicewide to strengthen natural resources education efforts. It is jointly sponsored by the Forest Service and the National Association of State Foresters. Its primary objective is to support a lifelong learning process that promotes the understanding of natural resources and ecosystems—their interrelationships, conservation, use, management, and values to society. NRCEP works with partners to jointly sponsor conservation education projects throughout the Nation. These joint projects combine Federal dollars with State, local, and private funds to increase the money available for conservation education programs. Current national NRCEP projects include Project Learning Tree, National Children's Forests, Investigating Your Environment, Girl Scouts of the USA, and Boy Scouts of America. The NRCEP office can be contacted for more information about education programs.

Natural Resource Conservation Education
Program
14th and Independence Avenue SW
P.O. Box 96090
Washington, DC 20090-6090
(202) 205-1545

National Agricultural Library

The National Agricultural Library administers library services and programs and is the largest agricultural library in the world.

Pamela Andre, Director
National Agricultural Library
U.S. Department of Agriculture
10301 Baltimore Boulevard, Room 200
Beltsville, MD 20705-2351
(301) 504-5248/Fax: (301) 504-5472
E-mail: info@nalusda.gov

Office of Civil Rights Enforcement

Director, Office of Civil Rights Enforcement
U.S. Department of Agriculture
1322 South Building
14th and Independence Avenue SW
Washington, DC 20250
(202) 720-5212/Fax: (202) 205-2891

Office of Public Affairs

The Office of Public Affairs provides general information on USDA programs.

Director, Office of Public Affairs
U.S. Department of Agriculture
Administration Building, Room 213-A
14th Street and Independence Avenue SW
Washington, DC 20250-1301
(202) 720-4623

U.S. Department of Commerce



The Nation that best learns to harness its knowledge and stimulate the creation of new ideas will be the economic powerhouse of the 21st century.

Ronald H. Brown, Secretary
U.S. Department of Commerce

Mission

The U.S. Department of Commerce (DOC) encourages, serves, and promotes the Nation's international trade, economic growth, and technological advancement. Within this framework, and with a policy of promoting the national interest through the encouragement of a competitive free enterprise system, the Department provides a wide variety of programs.

Background

The Department was established by Congress in 1913 through a reorganization of the Department of Commerce and Labor, which had been created in 1903. Today, DOC has 13 agencies in areas such as international trade, technology, the oceans and the atmosphere, economic and social data, travel and tourism, patents and trademarks, and telecommunication.

Role in Mathematics and Science Education

The National Institute of Standards and Technology and the National Oceanic and Atmospheric Administration have missions that involve scientific research and technical applications, and, therefore, have the greatest role in science and mathematics education within DOC.

Elementary and Secondary

Most DOC precollege activities consist of voluntary outreach by the professional staff or cooperative efforts with other organizations, with minimal direct funding available.

Higher Education

DOC has developed a cooperative education program to provide work-related educational opportunities to students, as well as graduate and postdoctoral fellowships.

How Mathematics and Science Education Programs Are Administered

DOC agencies that offer education programs self-administer their respective programs.

Administrative Offices for Mathematics and Science Education

National Institute of Standards and Technology, Office of Personnel and Civil Rights

As the national laboratory for measurement science and engineering, with emphasis on state-of-the-art research, the National Institute of Standards and Technology maintains a strong program of postdoctoral education. The Institute sponsors numerous postdoctoral research fellowships in collaboration with the National Research Council of the National Academy of Sciences.

Dr. Jack Hsia, Chief, Academic Affairs
Room A505, Administration
National Institute of Standards and Technology
Gaithersburg, MD 20899
(301) 975-3067 / Fax: (301) 975-3530

National Institute of Standards and Technology, Postdoctoral Programs

As the national laboratory for measurement science and engineering, with emphasis on state-of-the-art research, the National Institute of Standards and

Technology maintains a strong program of postdoctoral education. The Institute sponsors numerous postdoctoral research fellowships in collaboration with the National Research Council of the National Academy of Sciences.

Kimberly J. Goode, Student Coordinator
National Institute of Standards and Technology
Office of Personnel and Civil Rights
Administration Building, Room A123
Gaithersburg, MD 20899
(301) 975-3026

The National Oceanic and Atmospheric Administration (NOAA)

Providing leadership and education in the Earth sciences and contributing scientific knowledge to the environmental science curriculum at every level of education are integral components of NOAA's public stewardship. NOAA's many offices around the Nation contribute to the local educational activities of their communities.

National Sea Grant Program—NOAA

NOAA's National Sea Grant Program, in conjunction with 29 universities and institutions, promotes a strong educational base through a network of more than 300 university and marine research institutions. Sea Grant reaches its audiences through workshops, conferences, brochures, videotapes, films, radio shows, newsletters, and local educational programs. For more information about a nearby Sea Grant institution, contact the National Sea Grant office.

National Sea Grant College Program
National Oceanic and Atmospheric
Administration
1315 East West Highway
Silver Spring, MD 20910
(301) 713-2431/Fax: (301) 713-0799

National Weather Service—NOAA

The National Weather Service supports educational programs developed by a wide variety of outside organizations. Examples are the American Meteorological Society's Project Atmosphere, the Weather Channel's Weather Classroom, and the NBC/WRC-TV project to develop public access to Earth and

space science data visualizations via TV and the Internet. Project Atmosphere prepares teachers to be Atmospheric Education Resource Agents so that they can act as a bridge between meteorologists and teachers in the classroom. The Weather Classroom, which is on the air for 10 minutes each day Monday through Friday, has a companion textbook. A series of publications on severe weather is being distributed to schools and the public to increase awareness and use of the National Weather Radio Service.

Joan VonAhn
Services Development Branch
1325 East West Highway
Silver Spring, MD 20910
(301) 713-0462

NOAA Office of Public and Constituent Affairs

The NOAA Office of Public and Constituent Affairs has a limited number of publications suitable for classroom use that teachers may request by mail. Some titles are also available on the Internet. Users can reach "Answers from NOAA: Educational Resources" by typing <gopher.esdim.noaa.gov> through gopher or telnet (log-in as "gopher"), selecting "Connection to NOAA's Online Data," and then selecting "Answers from NOAA: Educational Resources (Public Affairs)." This information can also be found at <<http://www.noaa.gov/public-affairs/>> at "Answers from NOAA."

NOAA Public Affairs Office
14th and Constitution Avenue NW
Room 6013
Washington, DC 20230
WWW: <<http://www.noaa.gov>>
E-mail: opca@esdim.noaa.gov

Office of Ocean and Coastal Resource Management (OCRM)—NOAA

The National Marine Sanctuary Program and National Estuarine Research Reserve System are two programs within OCRM that, locally and regionally, fulfill the Office's mission of achieving sustainable use of our Nation's coastal and ocean resources as well as maintenance of marine and coastal biodiversity in special areas through long-term comprehensive management and protection. Both programs offer education programs that interpret the ongoing site-specific research as well as promote public awareness, understanding, appreciation, and wise use of the coastal and marine environments. Site programs are as varied as the coastal resources and range from hands-on studies of the coastal ecology and geology for high school students to community workshops for specific resource users.

Maureen Wilmot, National Education Coordinator
NOAA/OCRM
1305 East West Highway
SSMC 4, 12th Floor
Silver Spring, MD 20910
(301) 713-3125/Fax: (301) 713-4012
E-mail: mwilmot@ocean.nos.noaa.gov

U.S. Department of Defense



I cannot imagine a strong America without well-educated Americans. If we are to maintain our hard-earned reputation for having the best Armed Forces in the world, we must start with young men and women who have gotten an edge on life in our schools. That edge includes skills in science, engineering, and mathematics. If the United States is to maintain a strong and responsible democracy and a prosperous economy into the next century, all of our citizens must be well educated. Americans with a good education will have the best chance of helping not only themselves and their families, but our Nation.

William J. Perry, Secretary
U.S. Department of Defense

Mission

The mission of the U.S. Department of Defense (DoD) is to provide for national security.

Background

The Department of Defense makes a major investment in education and training. The Department has a vital interest in the ability of our Nation to produce highly trained scientists and engineers. During the past 50 years, the Military Services and Defense Agencies have developed wide-ranging programs that support science and engineering education. The programs evolved independently as each DoD component sought to increase the numbers and to improve the quality of scientists and engineers available to meet their needs.

In traditional educational settings, the Department of Defense provides education for grades K-12 for more than 120,000 dependents in overseas locations through the Department of Defense Dependents Schools System and in U.S. locations where the local civilian schools cannot meet the needs of the dependent population. The DoD service academies, with a total enrollment of 11,800, graduated approximately 2,900 officers in 1995. Additionally, more than 881,000 current and former enlisted members of the armed services have applied for Montgomery GI Bill benefits since the Bill's enactment in 1985. These benefits provide subsidies to assist in completing college educations.

Role in Mathematics and Science Education

Maintaining technological leadership is critical to both national defense strategy and economic well-being. The United States has consistently sought to develop and deploy superior weapon systems to project an imposing military presence that deters foreign aggression. Further, in today's global marketplace, countries will be able to enjoy continued economic prosperity only if they are able to effectively exploit and adapt to emerging technologies.

To carry out these strategies, the United States, in general, and DoD in particular, must have a supply of scientists and engineers that meets the national need. For DoD, demand for scientists and engineers includes those for civilian employees of the Department, military personnel, and defense contractor employees. DoD sponsors a wide range of educational programs to improve the quality of the pool of personnel from which scientists and engineers can be drawn, and in this way help ensure that science and engineering requirements are satisfied.

The Department directly employs more than 100,000 scientists and engineers, approximately 3 percent of the national pool. Of this number, approximately 25,000 are engaged in research and development in the Department's laboratories and centers.

More than 200 separate programs use a wide variety of approaches and methods to enhance science and engineering education at different educational levels. At the upper level, college and university professors guide advanced research and development efforts for specific DoD projects. Lower level programs include sponsorship of elementary and secondary school science fairs, providing tutoring and mentorship for students, and demonstrations and laboratory tours that stimulate interest in science and engineering. Many programs also exist that award scholarships, assistantships, and fellowships.

Elementary and Secondary Education

Precollege programs range from short exposure tours, seminars, and science fairs to intensive tutoring and summer experience programs. The most effective programs are those, such as the High School Apprenticeship Programs, that encourage an interest in and cultivate enthusiasm for science and engineering careers and provide the necessary guidance.

Higher Education

DoD support in the areas of science and engineering education includes undergraduate Reserve Officer Training Corps scholarships, graduate fellowships, national defense-related research conducted by graduate students, and programs designed to enhance recruitment and retention of civilian employees in science and engineering career fields.

Effective recruiting programs include career intern programs, which recruit students from college campuses for an accelerated promotion track and advanced education opportunities. The Co-op Program provides students with early exposure to the work environment and helps foster understanding of Federal job opportunities among students and college personnel, and the postdoctoral research associateships provide a continuing supply of well-qualified graduate scientists and engineers for conducting research in DoD laboratories or in universities through grants and contracts.

DoD's Research Office provides opportunities for graduate students to work with university faculty members and explore topics of interest to the Department. Fellowship opportunities are also provided through DoD laboratories, which may, upon degree completion, provide the recipient with employment opportunities.

How Mathematics and Science Education Programs Are Administered

In 1991 the Department of Defense Authorization Act directed the Secretary of Defense to designate an individual within its Office to act as an adviser on science, mathematics, and engineering education. As such, the Director of Defense Research and Engineering (DDR&E) has been identified as the individual responsible for implementing scientific, mathematics, and engineering educational improvement programs within DoD.

The structure for managing science and engineering educational activities within DoD consists of three elements. The DDR&E provides leadership. A Science and Engineering Education Panel (SEEP) serves as a review and advisory body to provide continuous oversight of, and coordination among, the military departments and defense agencies. Lab directors, program directors, and other managers within DoD components execute science and engineering education activities within their organizations.

DoD components exercise a great deal of discretion in conducting the science and engineering programs. The DDR&E does not focus on execution, but instead delegates authority for operation of the programs to the organizational level. The DDR&E serves as an interface with other Federal departments and agencies and, through SEEP, provides guidance and controls.

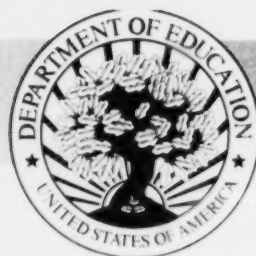
Administrative Offices for Mathematics and Science Education

Office of the Deputy Director, Defense Research and Engineering

The Office of the Deputy Director, Defense Research and Engineering, oversees research at DoD facilities and advises on DoD educational programs.

Keith Thompson
OSD/ODDR&E
Pentagon, Room 3E1045
Washington, DC 20301
(703) 614-0205/Fax: (703) 697-3762

U.S. Department of Education



The Department of Education is fully committed to National Education Goal Five, that by the Year 2000, American students will be first in the world in mathematics and science achievement.

Richard W. Riley, Secretary
U.S. Department of Education

Mission

The U.S. Department of Education's (ED's) mission is to ensure equal access to education and to promote educational excellence throughout the Nation. The Department has four major responsibilities:

- To collect data and oversee research on America's schools and to disseminate this information to educators and the general public.
- To identify and focus national attention on major issues and problems in education.
- To enforce Federal statutes prohibiting discrimination in programs and activities receiving Federal funds and to ensure equal access to education for everyone.
- To establish policies relating to Federal financial aid for education, to administer distribution of those funds, and to monitor their use.

Background

Although the Department of Education has existed as a Cabinet-level agency for a relatively short time, its history dates back to 1867. Originally created as a non-Cabinet-level Department, it soon became the Office of Education, where for more than a century it served primarily to collect information and statistics about the Nation's schools. In the late 1950s the Office's mission was expanded when concerns about the quality of education led to the creation of various programs to improve education. These programs were increased in the 1970s to support national efforts to help students gain equal access to quality education. In October 1979, Congress passed Public Law 96-88, creating the current U.S. Department of Education.

Role in Mathematics and Science Education

The Department of Education provides resources to increase opportunities for students to learn mathematics and science. The Department also supports research and assistance programs to improve the quality of mathematics and science education, collects data on student learning, and conducts studies on the condition of science and mathematics education.

ED's role is broadly based and connected to every level of formal education. The Department's programs reach nearly every school system and postsecondary institution. These programs support mathematics, science, and technical education for the disadvantaged, handicapped, and students for whom English is not the primary language. The Department also supports the integration of science and mathematics learning with vocational and technical education. However, since most of ED's funds are allocated by formula, the actual amount expended on mathematics and science education is often determined by the grant recipient.

With the passage in 1994 of the Educate America Act: Goals 2000, which calls for States and school districts to develop systemic plans for educational reform, ED expects that mathematics and science activities will be an increasingly integral part of the new reforms. Also, passage of the Improving America's Schools Act of 1994 expanded the scope of the ED-funded Eisenhower Program to all of the core academic subjects, which serves to integrate mathematics and science activities to a greater degree with those in other subjects.

Elementary and Secondary Education

Approximately 95 percent of direct ED mathematics and science programs serve the precollege level. The Department aims to provide a balanced portfolio of programs that will benefit teachers, students, and schools at all educational levels. The cornerstone of ED's effort is the Eisenhower Mathematics and Science Education State Grant Program, which is the largest single K-12 mathematics and science program supported by any Federal agency.

Higher Education

Most ED postsecondary education funds are allocated through grants or individual student financial aid. While many programs support opportunities to learn mathematics and science, only a few programs, such as the National Science Scholars Program, are directly targeted at these subjects; other postsecondary programs address broader educational purposes.

How Mathematics and Science Education Programs Are Administered

The Department does not have a single major operating unit specifically charged with overseeing mathematics and science education. Rather, ED is organized by educational level (elementary and secondary education and postsecondary education) and particular educational concern (e.g., educational research and improvement, and vocational, bilingual, and special education). Mathematics and science education activities are carried out within these larger units.

Administrative Offices for Mathematics and Science Education

Office of Educational Research and Improvement (OERI)

The Office of Educational Research and Improvement supports and conducts research on education, collects and analyzes education statistics, disseminates information, and supports and improves library education and services. The Eisenhower National Program specifically supports mathematics and science. In general, however, mathematics and science are part of the broader OERI educational mission.

Office of Educational Research and Improvement
Office of Reform Assistance and Dissemination
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20808-5645
(202) 219-2116/Fax: (202) 219-2053

Office of Elementary and Secondary Education (OESE)

The Office of Elementary and Secondary Education supports elementary and secondary education through such programs as the Eisenhower Professional Development Program. The Eisenhower Professional Development Program supports sustained and intensive high-quality professional development in the core academic subjects, including mathematics and science. Other programs within OESE, such as Title I, Compensatory Education, have a broader educational mission and also support professional development.

Office of Elementary and Secondary Education
U.S. Department of Education
600 Maryland Avenue SW
Washington, DC 20202-6100
(202) 401-0113

Office of Postsecondary Education

The Office of Postsecondary Education supports postsecondary education through Federal student aid and programs in higher education, including international education, Historically Black Colleges and Universities, and accreditation. Although most of the programs do not specifically target mathematics and science education, they may be used to support mathematics and science education.

Lawrence P. Grayson
Office of Postsecondary Education
U.S. Department of Education
600 Maryland Avenue, Room 3082
Washington, DC 20202-5100
(202) 708-5662

Department of Education

Eisenhower National Clearinghouse and Regional Consortia



The Eisenhower National Program supports a National Clearinghouse and 10 Regional Consortia that together form a coordinated, field-based network to promote systemic reform of mathematics and science education. Working closely with the Regional Consortia, the Eisenhower National Clearinghouse collects, catalogs, and disseminates information, curriculum materials, and other resources for K-12 mathematics and science education. At the State and local levels, the Regional Consortia provide information and technical assistance to educators and policymakers. The regional service boundaries of the consortia are identical to those of the regional educational laboratories.

REGIONAL CONSORTIA

Appalachia Region

Eisenhower Regional Consortium for Math and Science at AEL
Charleston, West Virginia

Far West Region

WestEd Eisenhower Regional Consortium for Science and Mathematics Education
San Francisco, California

Mid-Atlantic Region

Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education
Philadelphia, Pennsylvania

Mid-continent Region

Eisenhower High Plains Consortium for Mathematics and Science
Aurora, Colorado

North Central Region

Midwest Consortium for Mathematics and Science Education
Oak Brook, Illinois

Northeast and Islands Region

Regional Alliance for Mathematics and Science Education Reform
Montpelier, Vermont, and Cambridge, Massachusetts

Northwest Region

Science and Mathematics Consortium for Northwest Schools
Portland, Oregon

Pacific Region

Pacific Mathematics and Science Regional Consortium
Honolulu, Hawaii

Southeast Region

Eisenhower Consortium for Mathematics and Science Education at SERVE
Tallahassee, Florida

Southwest Region

Southwest Consortium for the Improvement of Mathematics and Science Teaching
Austin, Texas

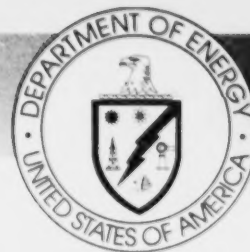
NATIONAL CLEARINGHOUSE

Eisenhower National Clearinghouse for Mathematics and Science Education
Columbus, Ohio

NATIONAL PROGRAM OFFICE

Eisenhower Professional Development Federal Activities Program
Office of Educational Research and Improvement
Washington, DC

U.S. Department of Energy



Education is the foundation on which our future prosperity as a Nation and people will be based. The Department of Energy is committed to ensuring that our young people receive the best education possible in the particularly critical fields of mathematics, science, and technology. Department of Energy programs in mathematics and science education range across all educational levels with special emphasis placed on helping women and minority students become full partners in the Nation's scientific and technical enterprise.

Hazel R. O'Leary, Secretary
U.S. Department of Energy

Mission

We possess the human and physical assets to achieve the mission that follows:

The Department of Energy, in partnership with our customers, is entrusted to contribute to the welfare of the Nation by providing the technical information and the scientific and educational foundation for the technology, policy, and institutional leadership necessary to achieve efficiency in energy use, diversity in energy sources, a more productive and competitive economy, improved environmental quality, and a secure national defense.

Background

DOE was created in 1977 by the Department of Energy Organization Act, which consolidated into one Cabinet-level department the responsibilities previously carried out under the Atomic Energy Commission; the Energy Research and Development Administration; several other small, independent energy-related agencies; and offices in other Federal departments. DOE and its contractors employ approximately 146,000 men and women, more than one-third of whom fill positions in DOE's scientific, engineering, and technical workforce. In addition to DOE's Headquarters components, the Department has an extensive field structure of national laboratories, research facilities, regional operations and support offices, and regional power administrations that are dispersed across urban and rural areas of the United States.

Role in Mathematics and Science Education

In recognition of its need for well-educated, highly skilled scientific and technical personnel to carry out its basic research and development and operational missions, DOE has made education an essential part of its mission. DOE provides opportunities for students and faculty to utilize its laboratories and facilities for hands-on research experiences. DOE supports the national effort to improve science education for all students through local and regional educational partnerships. DOE promotes increased participation of traditionally underrepresented populations in mathematics, science, engineering, and technology in the Department's education programs and partnerships.

Elementary and Secondary

DOE utilizes the unique scientific and technical resources of its laboratories through local and regional education partnerships with urban and rural school districts, businesses, and industry. These partnerships introduce new approaches to teaching science and mathematics and contribute to systemic improvement in science, mathematics, engineering, and technology education.

Higher Education

As part of a continuum of efforts to keep students in the science pipeline, DOE supports undergraduate, graduate, postgraduate, and faculty-level science education programs, including those that encourage students from underrepresented groups to pursue scientific and technical studies and participate in cutting-edge research. These activities include research participation appointments, fellowships, faculty institutes and workshops, conferences, and visiting staff lectures.

How Mathematics and Science Education Programs Are Administered

DOE educational programs are administered by the Office of Science Education and Technical Information through its 10 national laboratories, more than 30 specialized research facilities, and area, field, regional, and operation offices. Each facility conducts its own education programs and makes its resources available to precollege and university faculty and students. Each center plans and administers a range of precollege and university science education programs that vary according to laboratory specializations and local needs. The programs place special emphasis on providing students and their teachers with hands-on experiences in cutting-edge science and technology.

Administrative Offices for Mathematics and Science Education

AlliedSignal Aerospace Company

AlliedSignal Aerospace operates the Kansas City Plant to produce nonnuclear components. Production activities are directed toward electrical and electronic, mechanical, and plastic products.

Richard Bennett
AlliedSignal Aerospace Company
2000 East 95th Street, P.O. Box 419159
Kansas City, MO 64141-6159
(816) 997-5937/Fax: (816) 997-7259

Ames Laboratory

The Ames Laboratory conducts fundamental research in the physical, chemical, materials, mathematical, engineering, and environmental sciences that underlie energy-generating, conversion, and transmission technologies.

Connie Hargrave, Ph.D.
Manager, Education Programs
Ames Laboratory
Iowa State University
Ames, IA 50011
(515) 294-5343/Fax: (515) 294-9682
E-mail: cph@iastate.edu

Argonne National Laboratory

The Argonne National Laboratory is a large multiprogram laboratory operated by the University of Chicago for the U.S. Department of Energy. The

laboratory's mission is basic research and technology development to meet national goals in energy technology, environmental quality, industrial competitiveness, scientific leadership, and educational infrastructure. The Argonne National Laboratory strives continually to improve its leading-edge capabilities in science and engineering, with an emphasis on its recognized core competencies.

Margret E.M. Tolbert, Ph.D.
Director, Division of Educational Programs
Argonne National Laboratory
9700 South Cass Avenue, Building 223
Argonne, IL 60439
(708) 252-4114/Fax: (708) 252-3193
E-mail: tolbert@dep.anl.gov

Associated Western Universities, Inc.

The Associated Western Universities, Inc., is a consortium of 62 colleges and universities that administers a variety of national and regional science education programs.

Thomas Squires, President
Associated Western Universities, Inc.
4190 South Highland Drive, Suite 211
Salt Lake City, UT 84124
(801) 273-8900/Fax: (801) 277-5632
E-mail: info@slawu.org

Associated Western Universities, Inc.-Northwest Division

The Associated Western Universities, Inc.-Northwest Division administers science education programs at the Hanford Site in Richland, Washington.

Robert B. Green, Vice President
Associated Western Universities, Inc.-Northwest Division
723 The Parkway, Suite 100
Richland, WA 99352
(509) 946-3800/Fax: (509) 946-3819
E-mail: green_r@nw.awu.org

Bates Linear Accelerator Center

Bates Linear Accelerator Center is an academic nuclear physics research laboratory operated by the Massachusetts Institute of Technology that produces highly skilled nuclear engineers and scientists.

Wade Sapp, Principal Research Scientist
Bates Linear Accelerator Center
P.O. Box 846
Middleton, MA 01949
(617) 253-9200/Fax: (617) 253-9599

Bechtel Nevada

Bechtel Nevada provides architectural and engineering services to the U.S. Department of Energy at the Nevada Test Site and monitors groundwater to track radionuclide transport.

Dawn Merritt, Communications Manager
Bechtel Nevada
Public and Employee Communications
P.O. Box 98521, M/S-0039
Las Vegas, NV 89193-8521
(702) 295-5792/Fax: (702) 295-1859

Bonneville Power Administration

The Bonneville Power Administration is a DOE power marketing administration that services the Pacific Northwest States (Idaho, western Montana, Oregon, and Washington).

Joan McNamara, Community Education
Coordinator
Bonneville Power Administration
P.O. Box 3621 CKPP
Portland, OR 97208-3621
(503) 230-3709/Fax: (503) 230-4019

Brookhaven National Laboratory

The Brookhaven National Laboratory conducts applied research in the physical, biomedical, and environmental sciences and in selected energy technologies.

Karl Swyler, Head
Educational Programs
Brookhaven National Laboratory
14 Brookhaven Avenue, Building 438
P.O. Box 5000
Upton, NY 11973
(516) 282-7171/Fax: (516) 282-5832
E-mail: swyler@bnl.gov

Continuous Electron Beam Accelerator Facility

The Continuous Electron Beam Accelerator Facility supports research and education in nuclear physics and advances knowledge and technology in accelerator physics, electron beams, detector equipment, data acquisition, and superconducting radiofrequency technology.

Dr. Beverly K. Hartline, Associate Director
Continuous Electron Beam Accelerator Facility
12000 Jefferson Avenue
Newport News, VA 23606
(804) 249-7567/Fax: (804) 249-5065
E-mail: hartline@cebaf.gov

Fermi National Accelerator Laboratory

The Fermi National Accelerator Laboratory conceives, develops, constructs, and operates complex research facilities for the fundamental research of high-energy physics and the properties of matter.

Marge Bardeen, Education Office
Fermi National Accelerator Laboratory
P.O. Box 500, MS 226
Batavia, IL 60510
(708) 840-3092/Fax: (708) 840-8248
E-mail: mbardeen@fnal.gov

Fernald Environmental Management Project

The Fernald Environmental Management Project concentrates on waste management, environmental restoration, and other environmental safety and health compliance issues.

Sue Walpole, Education Outreach
Fernald Environmental Management Project
P.O. Box 538704
Cincinnati, OH 45253-8704
(513) 648-6321/Fax: (513) 648-6903
E-mail: Susan.Walpole@em.doe.gov

Idaho National Engineering Laboratory

The Idaho National Engineering Laboratory builds nuclear reactors and support equipment, reprocesses nuclear fuel, processes liquid waste, disposes low-level waste, and conducts research in biotechnology, electric vehicles, and waste management.

Dr. Constance C. Blackwood
Idaho National Engineering Laboratory
1520 Sawtelle Drive
Idaho Falls, ID 83405-2437
(208) 526-9221/Fax: (208) 526-1880
E-mail: cb6@inel.gov

Inhalation Toxicology Research Institute (ITRI)

The Inhalation Toxicology Research Institute conducts basic and applied research to improve understanding of the nature and magnitude of the impact on human health of inhaling airborne materials.

Marcy Wood, Specialist
Inhalation Toxicology Research Institute
P.O. Box 5890
Albuquerque, NM 87185
(505) 845-1257/Fax: (505) 845-1198

Lawrence Berkeley National Laboratory

The Lawrence Berkeley National Laboratory supports a wide range of research activities in fields ranging from astrophysics to energy conservation.

Roland Otto, Director
Lawrence Berkeley National Laboratory
Center for Science and Engineering Research
One Cyclotron Road, Building 938C
Berkeley, CA 94720
(510) 486-5325/Fax: (510) 486-6660
E-mail: rjotto@lbl.gov

Lawrence Livermore National Laboratory

The Lawrence Livermore National Laboratory serves as a major national resource in applied science and engineering to meet vital U.S. needs.

Eileen Vergino, Education Program Manager
Lawrence Livermore National Laboratory
P.O. Box 808
Livermore, CA 94550
(510) 422-3907/Fax: (510) 422-5761
E-mail: verginoes@llnl.gov

Los Alamos National Laboratory

The Los Alamos National Laboratory has the dual mission of developing nuclear weapons and of applying science and technology to major problems of interest to the country.

Judith Kaye, Group Leader
Science Education and Outreach
Los Alamos National Laboratory
P.O. Box 1663/HR-Sto, P278
Los Alamos, NM 87545
(505) 667-1919/Fax: (505) 665-4093
E-mail: jkaye@lanl.gov

Morgantown Energy Technology Center

The Morgantown Energy Technology Center conducts research on fossil energy, clean coal technology, and environmental protection.

Larry Headley
Morgantown Energy Technology Center
P.O. Box 880
Morgantown, WV 26507-0880
(304) 285-4314/Fax: (304) 285-4292
E-mail: LHEADL@METC.DOE.GOV

Mound Facility

The Mound Facility is an integrated research, development, and production facility that performs work in support of DOE energy programs, with an emphasis on environmental management, waste treatment, and nuclear technology.

Lucy Anne McKosky
Education Outreach Coordinator
EG&G Mound Applied Technologies, Inc.
P.O. Box 3000
Miamisburg, OH 45343-3000
(513) 865-4332/Fax: (513) 865-3952
E-mail: mcKola@DOE.MD.GOV

National Institute for Petroleum and Energy Research (NIPER)

The National Institute for Petroleum and Energy Research was established in Bartlesville, Oklahoma, in 1918 as a research laboratory to aid the development of the region's oil and gas industry. NIPER's efforts are currently focused on supporting the U.S. Department of Energy's National Oil Program. Research, development, and technology transfer programs at NIPER aid independent operators in applying methods to sustain production of oil and gas from domestic reservoirs and provide reliable data for processing heavy crude oils.

Judy Kokesh, Technology Transfer Specialist
National Institute for Petroleum and Energy Research
Education Office
P.O. Box 2565
Bartlesville, OK 74005
(918) 337-4508/Fax: (918) 337-4365
E-mail: jkokesh@aol.com

National Renewable Energy Laboratory (NREL)

The National Renewable Energy Laboratory provides teacher workshops, student internships, and summer programs for students and teachers. NREL works with several partnership programs, including the National Science Foundation Colorado Statewide Systemic Initiative. NREL conducts student competitions and is the national contact for the Junior Solar Sprint Competition.

Linda Lung, Education Programs Manager
1617 Cole Boulevard, Building 15
Golden, CO 80401-3933
(303) 275-3044/Fax: (303) 275-3076
E-mail: lungl@tcplink.nrel.gov

Naval Petroleum Reserves

The Naval Petroleum Reserves is responsible for managing, operating, maintaining, and producing the Naval Petroleum Reserves in California. The Reserves work to achieve the greatest value and benefits to the United States with consideration of the interests of the joint owners.

Todd Goode, Public Affairs Coordinator
Naval Petroleum Reserves in California
U.S. Department of Energy
P.O. Box 87
Tupman, CA 93276
(805) 763-6067/Fax: (805) 763-6699

Nevada Operations Office (DOE)

The Department of Energy Nevada Operations Office manages outreach programs and teacher training programs and provides information on regional programs.

Elizabeth H. Donnelly
Community Services Specialist
DOE Operations Office, Nevada
Public Affairs and Information Office
P.O. Box 98518
Las Vegas, NV 89193-8518
(702) 295-1640/Fax: (702) 295-0154

Oak Ridge Institute for Science and Education

The Oak Ridge Institute for Science and Education administers a wide range of local, national, and international programs in energy-related education, training, and research.

Wayne Stevenson, Assistant Director
Oak Ridge Institute for Science and Education
Science/Engineering Education Division
P.O. Box 117
Oak Ridge, TN 37831-0117
(423) 576-3283/Fax: (423) 241-5219
E-mail: stevensw@ornl.gov

Oak Ridge National Laboratory (ORNL)

The Oak Ridge National Laboratory conducts basic and applied research and development to meet energy and environmental challenges, including competencies in energy production and uses, environmental science and technology, advanced materials, Newton-based science, and high-performance computing.

Linda Cain, Director
Oak Ridge National Laboratory
Office of Science Education and External Relations
105 Mitchell Road, MS 6496
P.O. Box 2008
Oak Ridge, TN 37831-6496
(423) 576-3886/Fax: (423) 241-6776
E-mail: 9lc@ornl.gov

Oak Ridge Operations Office

The Oak Ridge Operations Office provides outreach programs to local precollege schools, conducts environmental education activities, and provides information about regional programs.

Greg Mills, Education Coordinator
DOE Oak Ridge Operations Office
ORNL Site Office, ER-111
Oak Ridge National Laboratory
Building 4500 North, MS 6269
P.O. Box 2008
Oak Ridge, TN 37831
(423) 576-0951/Fax: (423) 574-9275
E-mail: millsga@ornl.gov

Pacific Northwest Laboratory

The Pacific Northwest Laboratory offers a broad array of research and development capabilities, with a focus on environmental quality, transfer of scientific knowledge, and engineering innovations.

Jeff Estes, Deputy Manager
University and Science Education Programs
Pacific Northwest National Laboratory
P.O. Box 999, MS K1-22
Richland, WA 99352
(509) 375-2820/Fax: (509) 375-2576
E-mail: jc_estes@pnl.gov

Pantex Plant

The Pantex Plant has five primary operational missions. These missions are as follows: to fabricate chemical high-explosive components for nuclear weapons; to assemble nuclear weapons for the Nation's stockpile; to maintain and evaluate those weapons; to disassemble those weapons being retired from the stockpile; and to serve as an interim storage site for plutonium components from retired weapons.

Debra Halliday, Educational Outreach
Coordinator
Pantex Plant, External Affairs, Building 16-12
P.O. Box 30020
Amarillo, TX 79177
(806) 477-5038/Fax: (806) 477-5743
E-mail: goh_dhallida@pantex.com

Pinellas Plant

The Pinellas Plant ended its Defense Program Mission in 1994 and is aggressively promoting the Plant's technology to develop commercial products. High technology once used for the weapons stockpile and a highly skilled workforce make the plant a unique and valuable asset to the community.

Shirley Cheatham, Manager, Public Affairs
Pinellas Plant
Martin Lockheed Specialty Components
P.O. Box 2908
Largo, FL 34649-2908
(813) 541-8263/Fax: (813) 541-8778

Pittsburgh Energy Technology Center

The Pittsburgh Energy Technology Center conducts research on synthetic liquid fuels, coal combustion and gasification, and related phenomena.

Fred Brown, Pittsburgh Energy Technology Center
Office of Research and Development
P.O. Box 10940
Pittsburgh, PA 15236
(412) 892-5942/Fax: (412) 892-6204

Princeton Plasma Physics Laboratory

The Princeton Plasma Physics Laboratory conducts research in magnetic fusion through the use of a Tokamak Fusion Test Reactor and associated experimental equipment.

Diane Carroll, Head
Science Education Program
Princeton Plasma Physics Laboratory
Princeton University, James Forrestal Campus
Route 1, P.O. Box 451
Princeton, NJ 08543
(609) 243-2107/Fax: (609) 243-2749
E-mail: dcarroll@pppl.gov

Rocky Flats Plant

The Rocky Flats Plant is a key facility in nuclear weapons research, development, and production.

Laura Schachter, Educational Outreach
Coordinator
Rocky Flats Plant, Community Relations
P.O. Box 928
Golden, CO 80402-0928
(303) 966-2000/Fax: (303) 966-3418

Sandia National Laboratories, California

The Sandia National Laboratories apply engineering and scientific capabilities to nuclear weapons technology, energy research, and other areas of national interest.

Karen P. Scott, Education Outreach Program
Manager
Sandia National Laboratories/California
7011 East Avenue, MS 9904
P.O. Box 969
Livermore, CA 94550
(510) 294-3760/Fax: (510) 294-1526
E-mail: KPScott@Sandia.gov

Sandia National Laboratories, New Mexico

The Sandia National Laboratories apply engineering and scientific capabilities to nuclear weapons technology energy research and other areas of national interest.

Anthony Thornton, Ph.D.

Director

Diversity Leadership and Education Outreach

Sandia National Laboratories/New Mexico

P.O. Box 5800, MS 1088

Albuquerque, NM 87185-1088

(505) 844-4929/Fax: (505) 844-4624

E-mail: althorn@sandia.gov

Savannah River Ecology Laboratory (SREL)

The Savannah River Ecology Laboratory acquires and communicates knowledge of ecological processes and principles.

J. Vaun McArthur, Environmental Outreach and

Education Division, Drawer E

Aiken, SC 29802

(803) 725-2472/Fax: (803) 725-3309

E-mail: mcarthur@srel.edu

Savannah River Site (SRS)

The Savannah River Site, which covers 310 square miles along the Savannah River, is a large parcel of land that is simultaneously a Superfund site and the Nation's first national environmental research park.

Lynn Bertsch, Education Programs

Economic Development Division

Westinghouse Savannah River Company

P.O. Box 616

Aiken, SC 29801

(803) 652-1813/Fax: (803) 652-1898

E-mail: lynn.bertsch@srs.gov

Stanford Linear Accelerator Center

The Stanford Linear Accelerator Center carries out experimental and theoretical research in elementary-particle physics and develops new techniques for particle acceleration.

Helen Quinn, Education Officer

Stanford Linear Accelerator Center

P.O. Box 4349, Bin-81

Stanford, CA 94309

(415) 926-2713/Fax: (415) 926-4500

E-mail: quinn@slac.stanford.edu

Strategic Petroleum Reserve

The Strategic Petroleum Reserve stockpiles crude oil and supplements oil supplies in the marketplace.

Durinda Robinson

Strategic Petroleum Reserve

900 Commerce Road East

New Orleans, LA 70123

(504) 734-4312/Fax: (504) 734-4427

Western Area Power Administration (WAPA)

The Western Area Power Administration markets and distributes Federal power and capacity to a service area that covers 15 of the western States.

Sue Silva

Western Area Power Administration

P.O. Box 3402

Golden, CO 80401-3402

(303) 275-1214/Fax: (303) 275-1717

U.S. Department of Health and Human Services



If this country is to tackle one of the most difficult problems we face today—quality health care for all—it is critical that the public understand the science that underlies health. A scientifically informed citizenry is more likely to value the importance of disease prevention strategies and to act on that understanding. Because science is a life-long learning process we must nurture it in its earliest stages—at the preschool and elementary school levels—and allow our interest and knowledge in it to broaden throughout our adult lives.

Donna E. Shalala, Secretary
U.S. Department of Health and Human
Services

Mission

The U.S. Department of Health and Human Services (HHS) is the Federal Government's principal agency for promoting the health of Americans, providing essential human services, carrying out clinical and basic biomedical and behavioral research, and providing support for predoctoral and postdoctoral research training in the life sciences. HHS also has long been concerned with the depth and quality of the scientific workforce, and for this reason has launched a comprehensive life sciences education initiative.

Background

Created in 1980 from what was formerly the U.S. Department of Health, Education, and Welfare, HHS has the largest budget of all Federal departments. The work of HHS is implemented by the Office of the Secretary and four operating divisions—the Social Security Administration, the Health Care Financing Administration, the Administration for Children and Families, and the Public Health Service (PHS). The Public Health Service is the HHS agency with the major mission in science education.

In 1990 the Assistant Secretary for Health established the Public Health Service Life Sciences Education and Science Literacy Board. The Board was charged with developing strategies for ensuring an adequate pool of well-trained personnel to meet future national needs in the life sciences and increasing the level of scientific

understanding among youth and adults in the United States. The Board's first significant action was to host the Prologue to Action: Life Sciences Education and Science Literacy Conference. The Conference brought together experts from across the educational and scientific communities to provide recommendations on the role PHS agencies can play in improving science education. Recommendations made at the Conference form the basis for PHS' strategy on life sciences education and public understanding of science, *Meeting the Challenge: Achieving Results*.

Role in Mathematics and Science Education

While many Federal agencies have broad educational missions that include support for science education and training, none focus specifically on biomedical and behavioral science education or literacy. HHS uses its expertise in the life sciences to provide new and expanded initiatives to support the national education efforts. The bulk of the Department's science education programs at the precollege and undergraduate levels are targeted toward bringing students who are traditionally underrepresented in the life sciences into the science education pipeline and supporting them as they move into the health professions, graduate programs, and research careers. Through its Public Health Service, HHS is increasing the public's understanding and appreciation for the life sciences, increasing the exposure of students at all levels to biomedical and behavioral research, and expanding efforts to recruit and retain underrepresented groups.

Elementary and Secondary

Traditionally, HHS-supported training has focused on graduate and postdoctoral students. However, with the recent decrease in the number of high school and college students majoring in the sciences, the Department has begun to dedicate more of its education and training efforts to pre-college education. The Department views science education as a continuum from preschool to adulthood. Elementary programs such as partnerships with local schools and school systems, and the Summer Internship Program at the

high school level, allow PHS to use its greatest resource—its scientists and technical staff—to increase the enthusiasm of both teachers and students for science.

The Department also offers programs targeted to the important transitional period from junior to senior high, as well as its longstanding program for minority high school students, the Minority High School Student Research Apprentice Program (MHSSRAP). HHS also provides K-12 teachers with workshops and research opportunities and collaborates with them to increase opportunities for interaction with scientists, consult on curriculum-improvement projects, and explore collaborative activities with other public- and private-sector organizations.

Higher Education

To ensure the availability of well-trained professionals to meet national health research goals, graduate support has been the primary emphasis of HHS education programs. This highly successful effort has nurtured many of the newest disciplines in the life sciences today—biotechnology, human genome research, and the search for the biologic components of mental illness. Integral to the Department's mission, graduate training is a stated requirement in section 487 of the Public Health Service Act.

The efforts of HHS to recruit and retain talented undergraduate students in life sciences careers are accomplished primarily through direct financial support—grants, traineeships, and awards—to individuals and institutions. As in its programs for graduates, at the undergraduate level the Department supports students traditionally underrepresented in the life sciences. Longstanding programs like the Minority Access to Research Careers Honors Undergraduate Research Training Program, the Minority Biomedical Research Support Program, and the Health Careers Opportunity Program demonstrate the Department's commitment to this goal.

Public Understanding of Science

Public understanding of science is an important HHS priority. An informed public is better able to make informed judgments about the personal and societal implications of science and technology. Life sciences literacy improves the public's ability to be more effective health care consumers. Within the Department,

PHS agencies are examining their programs to determine where science education messages can be more fully integrated into existing disease prevention, health promotion, consumer education, and other public outreach programs. The Department is also spearheading an interagency effort to increase the public's understanding of science by chairing the National Science and Technology Council on Education and Training Working Group on Public Understanding of Science.

How Mathematics and Science Education Programs Are Administered

The Public Health Service is the operating division within the Department of Health and Human Services that is most involved with science education. The agencies within PHS administer their own educational programs, although several PHS-wide efforts are currently underway through the Life Sciences Education and Science Literacy Board. The Office of Science Education Policy at the National Institutes of Health is responsible for policy development and coordination of science and training efforts for the Public Health Service and HHS.

Administrative Offices for Mathematics and Science Education

Office of Grant Inquiries

In addition to providing general information on grant programs, the Office of Grant Inquiries has publications on research and training opportunities. For more information on higher education programs, request the booklet *Research Training and Career Development Programs Supported by the National Institutes of Health*.

Office of Grant Inquiries
Division of Research Grants
National Institutes of Health
6701 Rockledge Drive
Suite 3032, MSC 7762
Bethesda, MD 20892
(301) 435-0714

Office of Science Education (OSE)

The Office of Science Education serves the National Institutes of Health intramural community, the wider scientific community, and the Nation by developing and sponsoring outstanding programs in science education and biomedical research training. OSE provides leadership in the national effort to increase public understanding and appreciation of science and its role in the development of new therapies and new approaches to health.

Irene Anne Eckstrand, Acting Director
Office of Science Education
National Institutes of Health
6100 Executive Boulevard, Room 5H01
Bethesda, MD 20892
(301) 402-2469

U.S. Department of Housing and Urban Development



The Nation's cities will be severely tested by the technology-driven global workplaces of the 21st century. A country that once lived with a minimum-skilled workforce now needs the most technically proficient, adaptable workforce possible. This change can only come about through marked achievements in education. The results will be directly related to the future economic and social well-being of our cities.

Henry G. Cisneros, Secretary
U.S. Department of Housing and Urban
Development

Mission

The U.S. Department of Housing and Urban Development (HUD) is the principal Federal agency responsible for programs concerned with the Nation's housing needs, fair housing opportunities, and the development and improvement of the Nation's communities.

Background

The Department was established in November 1965. Major Offices include Housing, which administers the Federal Housing Administration (FHA) mortgage insurance programs; Community Planning and Development, which administers the Block Grant funds to States and cities for urban improvement projects and funds homeless programs; Public and Indian Housing, which funds the construction and renovation of publicly-owned and managed housing through local Public and Indian Housing Authorities; Fair Housing and Equal Opportunity, which enforces anti-discrimination laws and promotes open housing plans; and Policy Development and Research, which formulates new initiatives and evaluates program experience. HUD's programs are administered through a national network of 70 State and local offices.

Role in Mathematics and Science Education

HUD is not directly involved in programs of mathematics and science education. However, the Department strongly supports the National Education Goals as an integral part of its commitment to strengthen families and communities. HUD's programs and activities affecting education focus on the special populations served by the Department, particularly low-income families receiving housing assistance, families in public housing, and minorities.

How Mathematics and Science Education Programs Are Administered

Each office within the Department is responsible for administering its own education programs.

Office of Community Planning and Development

The Department has a program of assistance to Historically Black Colleges and Universities that both builds the capabilities of the institution and involves faculty and students in real-world problems of economics, planning, and social issues in nearby communities.

Dr. James Turk
Office of Community Planning and Development
U.S. Department of Housing and Urban
Development
451 Seventh Street SW, Room 7218
Washington, DC 20410
(202) 708-3176

Office of Lead-Based Paint Abatement and Poisoning Prevention

In December 1991 HUD created an Office of Lead-Based Paint Abatement and Poisoning Prevention to develop guidelines and regulations applicable to HUD and other federally supported housing programs to ensure that residents of these housing units

are safe from the hazards of lead-based paint. While this Office supports a program of public information about these hazards, EPA manages the national information clearinghouse.

Ronald Morony, Deputy Director
Office of Lead-Based Paint Abatement and
Poisoning Prevention
U.S. Department of Housing and Urban
Development
451 Seventh Street SW
Washington, DC 20410
(202) 755-1739/Fax: (202) 755-1000

Office of Public and Indian Housing

HUD's child-care assistance program supports the goal of early intervention for children entering school. No programs, however, prescribe content of the child-care activities or the early-childhood curriculum. The Department strongly supports the concept of drug education and prevention for school-age children as a way to help make public housing communities drug free. Most Department-sponsored drug prevention programs have education components.

Sonya Burgos
Office of Public and Indian Housing
U.S. Department of Housing and Urban
Development
451 Seventh Street SW
Washington, DC 20410
(202) 708-1197/Fax: (202) 401-7965

U.S. Department of the Interior



Education is the key to unlocking the vast potential of the individual and the means by which society will meet the myriad social, economic, and environmental challenges of the future.

Bruce Babbitt, Secretary
U.S. Department of the Interior

Mission

As the Nation's principal conservation agency, the U.S. Department of the Interior (DOI) has responsibility for most of our nationally owned public lands and natural resources. This responsibility includes fostering sound use of our land and water resources; protecting our fish, wildlife, and biological diversity; preserving the environmental and cultural values of our national parks and historical places; and providing for the enjoyment of life through outdoor recreation. The Department assesses our energy and mineral resources and works to ensure that their development is in the best interests of all our people by encouraging stewardship and citizen participation in their care. The Department also has a major responsibility for American Indian reservation communities and for people who live in island territories under U.S. administration.

Background

The Department of the Interior was formed on March 3, 1849. The natural resource stewardship responsibilities of the Department are carried out by its 9 bureaus with more than 60 regional and 1,500 field offices.

Role in Mathematics and Science Education

DOI's stewardship mission and its extensive scientific and technological expertise present unique opportunities for educational outreach. With more than 440 million acres of land, 467 wildlife refuges, 75 fish hatcheries, and 356 national parks, including battlefields and seashores, DOI provides many opportunities for people to learn about science by observing nature firsthand.

Elementary and Secondary

About half of the Department's precollege efforts directly support students through workshops, informal classes, and student work appointments. DOI offers educational activities at its many field sites, develops curriculum materials, and provides educational opportunities to special populations. In addition, the Department supports mathematics and science instruction at the Bureau of Indian Affairs schools.

Higher Education

The majority of DOI's undergraduate programs provide student support, mostly in the form of student work appointments. Many of the bureaus enter into partnerships with State and academic institutions to further research and education in natural resource management. In addition, DOI provides support to Historically Black Colleges and Universities, Hispanic-serving institutions, and Native American Colleges and Universities. Graduate research programs fund basic and applied research and generate Earth science data. The Department also offers predoctoral and postdoctoral fellowships.

Public Understanding of Science

Fostering effective stewardship of the Nation's public lands and resources is a top Department priority. With hundreds of parks, refuges, fish hatcheries, and other field sites, many opportunities exist for visitors to learn about science by observing nature firsthand.

How Mathematics and Science Education Programs Are Administered

DOI's educational programs are administered by its 9 bureaus. Because the Department's education outreach is a grassroots effort, information requests can be handled more effectively by the DOI Field Offices and facilities listed in the State Highlights section of this publication.

Administrative Offices for Mathematics and Science Education

Bureau of Indian Affairs (BIA)

BIA works with tribal governments and Alaskan Native village communities to encourage and support tribal efforts to self-govern and to provide needed programs and services on the reservations. Developing forest lands, leasing mineral rights, directing agricultural programs, and protecting water and land rights are included in this responsibility. BIA funds 187 elementary and secondary schools in 23 States with more than 46,000 students enrolled in preschool, kindergarten, and grades 1 through 12; types of schools include day schools, on- and off-reservation residential schools, and peripheral dormitories. BIA also funds 23 Tribally Controlled Community Colleges and operates two post-secondary institutions. Higher education grants for undergraduate students, graduate student assistance, and adult education funds are made available through contract.

Charles G. Geboe, Chief
Branch of Elementary and Secondary Education
Office of Indian Education Programs
Bureau of Indian Affairs
U.S. Department of the Interior
1849 C Street NW, MS 3512, MIB
Washington DC 20240
(202) 219-1129/Fax: (202) 219-9583
E-mail: cgeboe@ENAN.UNM.EDU

Bureau of Land Management (BLM)

The Bureau of Land Management manages, under the principles of multiple use and sustained yield for the benefit of all Americans, our Nation's public lands of approximately 270 million acres located primarily in the West and in Alaska, which constitute about one-eighth of our Nation's land area. BLM promotes natural resource and environmental education through a broad range of activities conducted by BLM field offices located in 12 western States and in areas scattered throughout the East. State offices can provide information on local district offices that sponsor environmental education programs.

Mary Tisdale, Chief
Office of Environmental Education and Volunteers
Bureau of Land Management
1849 C Street NW, LS-Room 1275
Washington, DC 20240
(202) 219-9649/Fax: (202) 219-2493

Bureau of Reclamation (BOR)

The Bureau of Reclamation's mission is to manage, develop, and protect water and related resources in an environmentally and economically sound manner in the interest of safe and dependable water supplies for agricultural, municipal and industrial, and domestic users; to produce clean, renewable hydroelectric energy at Reclamation powerplants; to protect and improve water quality; to provide recreational and fish and wildlife benefits for the public; to enhance river regulation and navigation; and to control damaging floods.

Wayne Huston, Project WILD Coordinator
Department of Wildlife and Fisheries
P.O. Box 98000
Baton Rouge, LA 70898-9000
(504) 765-2922/Fax: (504) 763-3568

Minerals Management Service (MMS)

The Minerals Management Service can provide a range of educational services available to teachers and students regarding the management of offshore natural gas, oil, and other mineral resources while, at the same time, safeguarding the environment. Information is available on a variety of subjects, including geology, environmental and socioeconomic sciences, marine biology, underwater archaeology, and beach restoration. MMS professionals have worked with schools in some States to develop energy resource curricula. Teacher inservice programs and classroom visitations may include videos (both VHS and interactive), booklets, brochures, posters, newsletters, slide presentations, and statistical and other off-the-shelf technical publications. Some of these materials are available upon request through the MMS headquarters or the MMS Regional Offices. Availability may be limited, but arrangements may be made for duplication of some materials at cost to the requester.

Office of Communications and Governmental Affairs
Education Coordinator, Minerals Management Service
U.S. Department of the Interior
1849 C Street NW, MS 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

National Biological Service (NBS)

The mission of the National Biological Service is to work with others to provide the scientific understanding and technologies needed to support the sound management and conservation of our Nation's biological resources.

Office of Public Affairs
National Biological Service
U.S. Department of the Interior
1849 C Street NW
Washington, DC 20240
(202) 482-3048

National Park Service (NPS)

The principal responsibility of NPS is to administer the National Park System. The system is composed of more than 370 areas of great diversity, including parks, monuments, historic sites, battlefields, seashores and lakeshores, and recreational areas.

Robert Huggins, Division of Interpretation
National Park Service
U.S. Department of the Interior
P.O. Box 37127
Washington, DC 20013-7127
(202) 523-5270/Fax: (202) 523-0162

Office of the Secretary (OS)

OS coordinates all education programs implemented by its bureaus and agencies through the DOI Education Committee. OS supports education efforts through several ongoing projects, such as the education program inventory, a coordinated education program evaluation effort, and a joint project for submission of products for the Internet.

Sylvia Jones, Education Coordinator
Office of the Secretary
U.S. Department of the Interior
1849 C Street NW, MS 2759
Washington, DC 20240
(202) 208-3254/Fax: (202) 208-3620
E-mail: SJones@IOS.DOI.GOV

Office of Surface Mining Reclamation and Enforcement (OSMRE)

OSMRE's mission is twofold: to protect people and the environment from adverse effects of coal mining while recognizing the Nation's vital need for energy from coal. To that end, OSMRE regulates current mining operations and helps repair lands that were mined and left unreclaimed and abandoned in the past.

Sarah Donnelly, Chief
Branch Training and Technical Information
Office of Surface Mining Reclamation and Enforcement
U.S. Department of the Interior
1951 Constitution Avenue NW, Room 640 (NC)
Washington, DC 20240
(202) 343-1828/Fax: (202) 343-1512

U.S. Fish and Wildlife Service (FWS)

The Fish and Wildlife Service's mission is to conserve, protect, and enhance fish and wildlife and their habitats for the continuing benefit of the American people. Migratory birds, endangered species, freshwater and anadromous fisheries, and certain marine animals are primary FWS responsibilities.

Jim Massey, Chief, Division of Education
National Education and Training Center
U.S. Fish and Wildlife Service
U.S. Department of the Interior
4401 North Fairfax Drive, MS 304 WEBB
Arlington, VA 22203
(703) 358-2504/Fax: (703) 358-2283
E-mail: MasseyJ@mail.fws.gov

U.S. Geological Survey (USGS)

The U.S. Geological Survey's mission is to provide geologic, topographic, and hydrologic information that contributes to wise management of the Nation's natural resources, and that promotes its peoples' health, safety, and well-being. This information consists of maps, databases, and descriptions and analyses of the water, energy, and mineral resources; land surface; underlying geologic structure; and dynamic processes of the Earth.

Denise Wiltshire
Chair, USGS Education Committee
U.S. Geological Survey
116-E National Center
Reston, VA 22092
(703) 648-7114/Fax: (703) 648-7069

U.S. Department of Justice



We must work to free our teachers of the social burdens in our schools, such as drugs and violence, so that they may rise to the educational challenge of teaching our children the skills that will meet our Nation's growing scientific and technological needs. Only by making this investment in our children now will they be prepared to maintain America as a first-rate Nation.

Janet Reno, U.S. Attorney General
U.S. Department of Justice

Mission

The U.S. Department of Justice (DOJ) provides legal advice to the President, represents the Executive Branch in Federal courts, investigates Federal crimes, enforces Federal laws, operates Federal prisons, and provides law enforcement assistance to State and local communities.

Background

The Office of the Attorney General was established in 1789, and the Department of Justice was subsequently established in 1870. The Department is labor intensive, relying heavily upon its personnel to fulfill its mission. Professionals of the highest caliber comprise the Department's many litigating divisions, law enforcement offices, and management and coordination offices.

Role in Mathematics and Science Education

Compared with the Federal science mission agencies, the Department of Justice lacks a significant focus on mathematics and science-related occupations. However, the Department conducts numerous programs that support the national educational goals, including improving student performance in mathematics and science. In addition, mathematics and science play an important role in certain aspects of the Department's mission, particularly the laboratory operations of the Federal Bureau of Investigation and the Drug Enforcement Administration. Opportunities for the active participation of students in the scientific

endeavors of the Department are necessarily limited by the confidential nature of investigations into illegal activity and the need for security clearance.

Elementary and Secondary

Most programs offered by DOJ are part of delinquency prevention or volunteer educational outreach, and are not directly related to mathematics or science education.

Higher Education

DOJ activities have an indirect impact in the areas of education programs in mathematics and science. The Department awards research grants and sponsors graduate research fellowships and summer intern programs.

How Mathematics and Science Education Programs Are Administered

While DOJ is not a leader among Federal agencies in the field of mathematics and science education, the National Institute of Justice, the Federal Bureau of Investigation, and the Drug Enforcement Administration sponsor programs related to the Department's research efforts.

Administrative Offices for Mathematics and Science Education

The Drug Enforcement Administration

The Drug Enforcement Administration supports drug investigations through the eight forensic laboratories located across the Nation. Chemists in these facilities participate in various educational activities.

Aaron P. Hatcher, III
Deputy Assistant Administrator
Office of Forensic Sciences
Drug Enforcement Administration
Washington, DC 20537
(202) 307-8866/Fax: (202) 307-8851

The Federal Bureau of Investigation

The Federal Bureau of Investigation provides training and research to law enforcement through the Forensic Science Research and Training Center. Research at the Center focuses on the development of new methods in forensic science. The Center operates a summer student intern program for upper-level college students.

Milton E. Ahlerich, Assistant Director
Laboratory Division
Federal Bureau of Investigation
FBI Building, Room 3090
9th Street and Pennsylvania Avenue NW
Washington, DC 20535
(202) 324-4410/Fax: (202) 324-1093

The National Institute of Justice, Office of Justice Programs

Created in 1968 as DOJ's principal research branch, the National Institute of Justice awards competitive grants to researchers to conduct studies on the prevention and control of crime, the criminal justice system, and criminal behavior, or to improve scientific approaches to the forensic investigation of crime as well as the development and adaption of law enforcement technologies. The National Institute of Justice disseminates its research findings to the field through various conferences and publications. The Institute also sponsors graduate research fellowships to support work in the field of criminal justice.

Jane Wiseman
National Institute of Justice
633 Indiana Avenue NW, Room 846
Washington, DC 20531
(202) 616-3233/Fax: (202) 307-6394

U.S. Department of Labor



Knowledge and skills the market demands. Our challenge is to provide every man and woman, student and worker, with the opportunity to acquire the academic and technical skills they need to achieve the economic security we all want.

Timothy M. Barnicle, Assistant Secretary
of Labor for Employment and Training
U.S. Department of Labor

Mission

The U.S. Department of Labor's (DOL's) basic concern is quality of life for American workers. The Department enforces laws that protect jobs, pension rights, and worker safety and health; helps people find jobs; sponsors training for those who need it; guides the Nation's unemployment insurance system; monitors changes in employment and prices; and provides services and information to workers, employers, teachers, students, business people, government officials, and others.

Background

The Department was created as a cabinet-level agency by Congress in 1913 "to foster, promote, and develop the welfare of the wage earners of the United States, to improve their working conditions, and to advance their opportunities for profitable employment." Predecessor agencies had existed since 1884, but this legislation marked the first time that a cabinet department was created with the primary function of furthering the interests of working people.

Role in Mathematics and Science Education

For most agencies and offices within DOL, the major training activity is directed toward Federal staff, and in some cases, State and local staff, to help them carry out their responsibilities. The Department's Employment and Training Administration (ETA) also is involved in broad basic mathematics and science education and vocational training for unskilled and unemployed workers. Training activities focus on vocational technical training skills and basic literacy

education, including mathematics and general equivalency diploma (GED) preparation, which is generally provided outside the traditional education system.

Among other activities, ETA funds training programs to enable workers to gain the skills they need for employment, primarily those authorized by the Job Training Partnership Act (JTPA), which includes a system of decentralized State and local programs, funded through grants to the States, and the Job Corps.

How Mathematics and Science Education Programs Are Administered

DOL's mathematics and science education programs are administered by the Department's Employment and Training Administration and operated at the State or community levels.

Administrative Offices for Mathematics and Science Education

Employment and Training Administration, Office of Employment and Training Programs

The Office of Employment and Training Programs administers programs for economically disadvantaged youth and adults.

Josephine Nieves, Administrator
Office of Employment and Training Programs
Employment and Training Administration
U.S. Department of Labor
200 Constitution Avenue NW, Room N4469
Washington, DC 20210
(202) 219-6236/Fax: (202) 219-7190

Employment and Training Administration, Office of Worker Retraining and Adjustment Programs

The Office of Worker Retraining and Adjustment Programs administers programs for dislocated workers.

Office of Worker Retraining and Adjustment
Programs
Program Manager, Employment and Training
Administration
U.S. Department of Labor
200 Constitution Avenue NW, Room N5426
Washington, DC 20210
(202) 219-5577/Fax: (202) 219-5938

Job Corps

The Job Corps administers a network of residential training centers that prepare severely disadvantaged youth aged 16-24 for productive employment and entrance into vocational/technical schools, junior colleges, military service, or other institutions for further education and training.

John Chowning, Education Specialist
Education and Enrollee Support Unit, Job Corps
Employment and Training Administration
U.S. Department of Labor
200 Constitution Avenue NW, Room N4507
Washington, DC 20210
(202) 219-5556/Fax: (202) 219-5183

U.S. Department of Transportation



Sound technological investments can promote long-term economic growth that creates jobs and protects the environment; can help make government more efficient; and can provide the basis for national leadership in application of new technology to economic growth.

Federico F. Peña, Secretary
U.S. Department of Transportation

Mission

The U.S. Department of Transportation (DOT) will shape the National Transportation Policy to "tie America together" with a safe, technologically advanced, and efficient transportation system that promotes economic growth and international competitiveness now and in the future, and contributes to a healthy and secure environment for us and our children.

Background

Since 1967 the Department has helped keep the Nation's transportation system running. The Department functions through 10 operating administrations, each of which oversees a different aspect of transportation and implements its own programs directly, reporting to the Secretary of Transportation.

Role in Mathematics and Science Education

Mathematics and science education is a critical support activity to ongoing DOT programs. Education conveys new technical skills to professionals already in the transportation community and develops a pool of trained technical talent to move into jobs in the transportation sector.

Elementary and Secondary

The Federal Aviation Administration (FAA) offers aviation education programs for educators at all levels (K-college) that stimulate interest in mathematics and science for students of all ages. FAA-sponsored programs for students include Air Bear for elementary

students, the International Aviation Art Contest, and the Aviation Career Education (ACE) Academy summer program for high school students, which focuses on the science of flight and the study of science and careers. In addition, the Research and Special Programs Administration's Volpe National Transportation Systems Center encourages awareness of transportation careers.

Higher Education

Institutions of higher education can receive DOT assistance, including funding to support curricula and grants for research related to transportation. The Department sponsors cooperative education programs, research fellowships, and scholarships. In addition, most DOT operating administrations have technical laboratories with advanced technology materials and are required to engage in research application and technology transfer activities. The Department is committed to increasing involvement of Historically Black Colleges and Universities and Hispanic-serving institutions in funded programs and activities.

How Mathematics and Science Education Programs Are Administered

Each operating administration within the Department of Transportation is responsible for its own education programs.

Administrative Offices for Mathematics and Science Education

Federal Aviation Administration (FAA)

The FAA conducts an active aviation education program in response to public law, which promotes public understanding of civil aviation as well as career awareness. Programs focus on diversity and cultivation of student interest in mathematics and the sciences, and include even the youngest of students. To

support the development of effective aviation education programs at all levels, the FAA maintains a network of aviation education resource centers across the country, develops curriculum guides and supports teacher workshops, conducts youth programs, and establishes formal partnerships with industry and education organizations. The FAA maintains the Federal Information Exchange/Minority Online Information System (FEDIX/MOLIS), an electronic clearinghouse of aviation educational materials, resources, and references. The FAA recognizes institutions of higher education that establish specific aviation-related curricula, and qualified institutions may submit grant proposals for the acquisition of facilities and equipment used in support of such recognized curricula. Additionally, the FAA has an aggressive cooperative education program in several administrative, technical, and professional career fields.

Phillip S. Woodruff
Aviation Education Team Leader
Aviation Education Program (AHR-15)
Federal Aviation Administration
400 Seventh Street SW, Plaza 100
Washington, DC 20590
(202) 366-7018/Fax: (202) 366-3786

National Highway Institute (NHI)

The National Highway Institute administers the Dwight David Eisenhower Transportation Fellowship Program, which includes the Eisenhower Graduate Fellowships, the Eisenhower Grants for Research Fellowships, the Eisenhower Historically Black Colleges and Universities Fellowships, the Eisenhower Hispanic-Serving Institutions Fellowships, and the Eisenhower Faculty Fellowships. NHI also administers the College Curriculum Program, where materials developed for short courses are tested by practitioners for effectiveness and shared with colleges and universities.

Ilene D. Payne
Director, University and Grants Program
National Highway Institute
901 North Stuart Street
Arlington, VA 22203
(703) 235-0538

Office of Research Policy and Technology Transfer, Research and Special Programs Administration (RSPA)

RSPA research and technology programs provide the oversight necessary to ensure that DOT's research and development (R&D) program is effectively advancing U.S. transportation technology and expertise. RSPA's multimodal systems approach provides the Secretary with a critical counterbalance to the focus on the needs of individual modes of transportation in the other DOT operating administrations. The research and technology programs also provide analyses of specific technology areas and ensure that the Department's efforts integrate with Government-wide technology initiatives and priorities. Of particular importance in the science and technology education areas, these activities also help ensure that DOT's R&D results and other innovative efforts from across the country are made available in a useful form to Federal, State, and local elected and appointed officials, the transportation community, and academia.

Elaine E. Joost, Deputy Director
Office of Research Policy and Technology Transfer
(DRT-2)
Research and Special Programs Administration
400 Seventh Street SW
Washington, DC 20590
(202) 366-4208/Fax: (202) 366-3272
E-mail: Jooste@RSPA.DOT.GOV

U.S. Department of Veterans Affairs



The basics of education are not enough anymore; in order to be competitive in the future, Americans will need a foundation of quality education, and they will need to continue learning throughout their lifetime. I believe, as the President does, that our educational system can achieve international excellence, if we establish clear standards and support realistic student loan programs. The VA will continue to be a major contributor in this area through GI Bill benefits and our involvement in health care education.

Jesse Brown, Secretary
U.S. Department of Veterans Affairs

Mission

The mission of the U.S. Department of Veterans Affairs (VA) is to serve America's veterans and their families with dignity and compassion and to be their principal advocate in ensuring that they receive the care, support, and recognition they have earned in service to this Nation.

Background

The Department of Veterans Affairs, formerly the Veterans Administration, was elevated to Cabinet level in 1989. The Department has three main components that administer veterans' programs: the Veterans Health Administration, the Veterans Benefits Administration, and the National Cemetery System.

Role in Mathematics and Science Education

The vast VA workforce, representing diverse science and technology-related professions, includes physicians, nurses, statisticians, architects, and computer specialists. As part of its mission to provide health care to eligible veterans, the VA provides training and education for health professionals and conducts medical, health, and rehabilitation research. The Department supports graduate-level education through more than 40 health professions education programs. The Department also administers education benefits to eligible veterans, service persons, and dependents.

How Mathematics and Science Education Programs Are Administered

Two VA administrative offices are involved in education activities: the Veterans Health Administration and the Veterans Benefits Administration.

Administrative Offices for Mathematics and Science Education

The Veterans Health Administration Office of Academic Affairs

The Veterans Health Administration, Office of Academic Affairs, conducts the Nation's largest coordinated education and training effort for the health professions. There are no K-12 programs.

Elizabeth M. Short, M.D.
Chief, Academic Affiliations
Department of Veterans Affairs
Office of Academic Affiliations (14)
810 Vermont Avenue NW
Washington, DC 20420
(202) 565-7091

Veterans Benefits Administration

The Veterans Benefits Administration, Education Service, conducts several basic educational programs for veterans, service persons, and eligible dependents.

Celia P. Dollarhide, Director
Education Service (22)
810 Vermont Avenue NW
Washington, DC 20420
(202) 273-7132/Fax: (202) 275-2636

U.S. Environmental Protection Agency



Environmental education is an important new initiative at EPA. However, widespread improvements in environmental literacy require a unified commitment from government, business, environmental organizations, and educators alike to increase the quality of our environmental education initiatives.

Carol M. Browner, Administrator
U.S. Environmental Protection Agency

Mission

The U.S. Environmental Protection Agency (EPA) is responsible for implementing the Federal laws designed to protect the public from environmental hazards, enhance the quality of our natural environment, and expand our knowledge of the environment. The Agency endeavors to accomplish its mission systematically by proper integration of a variety of research, monitoring, standard-setting, enforcement, and educational activities. As a complement to its other activities, EPA coordinates and supports research and anti-pollution activities of State and local governments, private and public groups, individuals, and educational institutions. EPA also monitors the operations of other Federal agencies with respect to their impact on the environment.

Background

The Environmental Protection Agency was created through Reorganization Plan #3 of 1970, which was devised to consolidate the Federal Government's environmental regulatory activities into a single agency. The plan was sent by President Nixon to Congress on July 9, 1970, and the Agency began operation on December 2, 1970.

The enactment of major new environmental laws and important amendments to older laws in the 1970s and 1980s greatly expanded EPA's responsibilities. The Agency now administers 10 comprehensive environmental protection laws: the Clean Air Act; the Clean Water Act; the Safe Drinking Water Act; the Comprehensive Environmental Response, Compensation, and Liability Act; the Federal Insecticide, Fungicide, and Rodenticide Act; the Toxic Substances Control Act; the Marine Protection, Research, and Sanctuaries Act; the

Uranium Mill Tailings Radiation Control Act; and the Pollution Prevention Act. In addition, the National Environmental Education Act was passed in 1990 that gave EPA, for the first time, the authority to develop a national environmental education program.

Role in Mathematics and Science Education

As political leaders and the public continue to recognize the urgency and global nature of environmental challenges, the EPA will be required to respond with still higher quality research, innovative analysis, and sound strategies for public involvement. Currently, more than one-third of the Agency's employees are scientists and engineers, and the demands for highly educated and talented staff will only increase as the scientific complexity of environmental problems increases. Clearly, the Agency has a vested interest in ensuring that students emerging from the Nation's education system are literate in mathematics and science, and that the Nation produces an adequate supply of world-class scientists and engineers. In addition, the Agency believes that an environmentally educated public is the best means to bring about voluntary changes in personal behaviors that affect the environment.

Elementary and Secondary Education

As a result of the passage of the National Environmental Education Act of 1990, the Agency will focus on two broad areas of environmental education: improving basic science literacy as the core of environmental education for students in grades K-12 (and colleges), and informing the general public about environmental consequences of their individual and collective actions and motivating them to address environmental problems.

Higher Education

EPA offers predoctoral fellowships and traineeships and postdoctoral fellowships. Undergraduate programs provide opportunities for research, work study, and other forms of assistance to students.

How Mathematics and Science Education Programs Are Administered

The Agency's headquarters in Washington, D.C., maintains overall planning, coordination, and control of EPA programs, and two offices at headquarters have responsibilities related to education programs. To ensure that EPA is truly responsive to the American people, the Agency has established 10 regional offices, and each of these offices has an environmental education coordinator. In addition, the EPA maintains field offices in the following categories: laboratories, investigations, and administration.

Administrative Offices for Mathematics and Science Education

Environmental Education Division

The mission of the Environmental Education Division is to advance and support national and international environmental education efforts, to develop an environmentally conscious and responsible public, and to inspire in all individuals a sense of personal responsibility for the care of the environment.

C. Michael Baker, Acting Director
Environmental Education Division
U.S. Environmental Protection Agency
401 M Street SW (1707)
Washington, DC 20460
(202) 260-4965 / Fax: (202) 260-4095

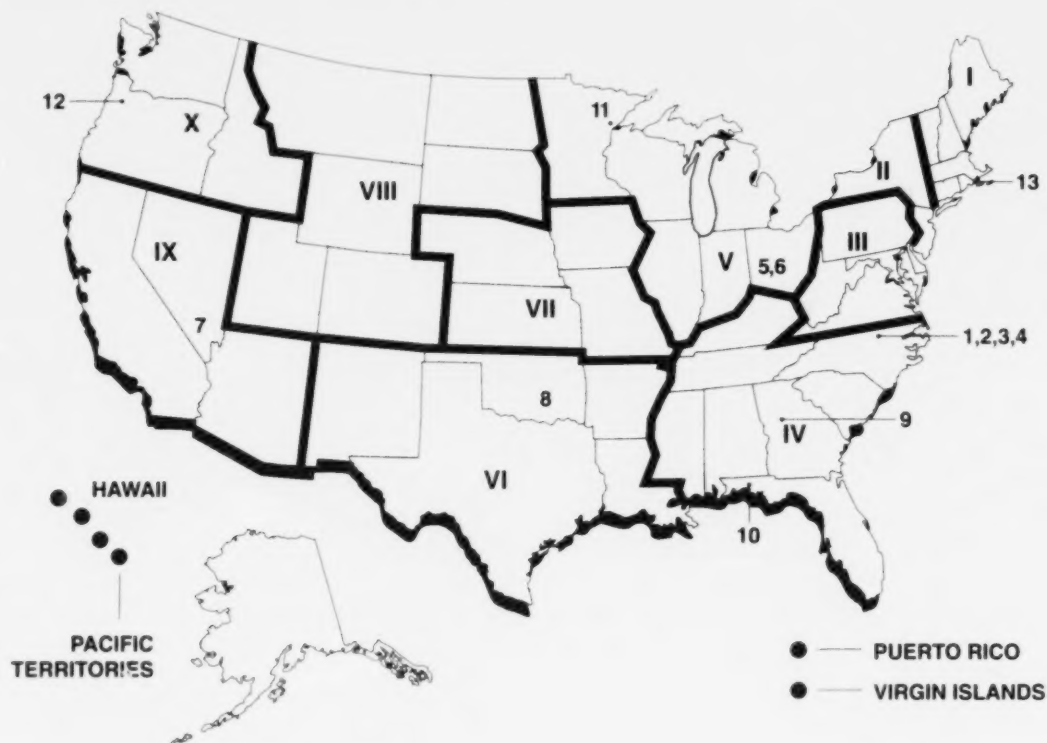
Office of Research and Development (ORD)

The Office of Research and Development coordinates education programs related to research efforts. Each of ORD's facilities and offices plans and administers a range of programs, precollege through graduate, which vary according to laboratory specialization and community needs.

Office of Research and Development
U.S. Environmental Protection Agency
401 M Street SW (H-8105)
Washington, DC 20460
(202) 260-7671 / Fax: (202) 260-0036

Environmental Protection Agency

Regional Offices and Research Laboratories



Regional Offices

To ensure that EPA is truly responsive to the American people, it has established 10 regional offices. Each office has an Environmental Education Coordinator who oversees participation in regional environmental education programs, which include a variety of activities. Materials and information on environmental issues are also available.

Region I	Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont	Region VI	Arkansas, Louisiana, New Mexico, Oklahoma, Texas
Region II	New Jersey, New York, Puerto Rico, Virgin Islands	Region VII	Iowa, Kansas, Missouri, Nebraska
Region III	Delaware, District of Columbia, Maryland, Pennsylvania, Virginia, West Virginia	Region VIII	Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming
Region IV	Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee	Region IX	Arizona, California, Hawaii, Nevada, American Samoa, Guam
Region V	Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin	Region X	Alaska, Idaho, Oregon, Washington

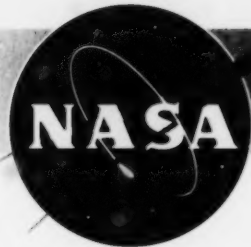
Research Laboratories and Offices

The Office of Research and Development has research laboratories and offices that plan and administer a range of environmental programs, precollege through graduate level, which vary according to laboratory specialization and community needs.

1. Air and Energy Engineering Research Laboratory, Research Triangle Park, North Carolina
2. Atmospheric Research and Exposure Assessment Laboratory, Research Triangle Park, North Carolina

3. Health Effects Research Laboratory, Research Triangle Park, North Carolina
4. Environmental Criteria and Assessment Office, Research Triangle Park, North Carolina
5. Risk Reduction Engineering Laboratory, Cincinnati, Ohio
6. Environmental Monitoring Systems Laboratory, Cincinnati, Ohio
7. Environmental Monitoring Systems Laboratory, Las Vegas, Nevada
8. Robert S. Kerr Environmental Research Laboratory, Ada, Oklahoma
9. Environmental Research Laboratory, Athens, Georgia
10. Environmental Research Laboratory, Gulf Breeze, Florida
11. Environmental Research Laboratory, Duluth, Minnesota
12. Environmental Research Laboratory, Corvallis, Oregon
13. Environmental Research Laboratory, Narragansett, Rhode Island

National Aeronautics and Space Administration



NASA's mission in aeronautics and space, its unique facilities, and specialized workforce provide educators and students a national resource for enhancing and expanding scientific and technological competence. The Agency's commitment to promoting excellence in America's education system is carried out through the integrated application of science, mathematics, and technology that is inherent in NASA's research capabilities, scientific discoveries, advanced technologies, and future explorations.

Daniel S. Goldin, Administrator
National Aeronautics and Space
Administration

Mission

As the agency responsible for the Nation's civilian aerospace program, the National Aeronautics and Space Administration (NASA) mission is threefold:

- To advance and communicate scientific knowledge and understanding of the Earth, the solar system, and the universe, and use the environment of space for research.
- To explore, use, and enable the development of space for human enterprise.
- To research, develop, verify, and transfer advanced aeronautics, space, and related technologies.

Background

On October 1, 1958, the U.S. Congress created the National Aeronautics and Space Administration through the Space Act. The legislation combined certain military space research programs with the existing National Advisory Committee for Aeronautics to create a unique civilian agency for aeronautical and space activities.

Current major areas of activity include five enterprises: Mission to Planet Earth; Aeronautics; Human Exploration and Development of Space; Space Science; and Space Technology. Ten Field Centers located across the country provide NASA with the expertise to conduct research in all facets of aeronautics and space.

Role in Mathematics and Science Education

To maintain a leadership role in the 21st century, NASA and other Federal agencies must contribute to systemic reform of American education. NASA's education vision is to promote excellence in America's school systems by involving the educational community in our endeavors to inspire America's students, create learning opportunities, and enlighten inquisitive minds. NASA uses its inspiring mission, unique facilities, and specialized workforce to conduct science, mathematics, and technology education programs and activities.

Elementary and Secondary

To nurture early enthusiasm for science, mathematics, and technology, NASA has developed a broad range of programs and services for students at the elementary and middle school levels. These programs are specifically designed to use space and aeronautics as the vehicle to inspire students' interest in science, mathematics, and technology. Once interest has been captured, it is imperative to follow through at the secondary level with both formal and informal education experiences. NASA provides programs for teachers and faculty that have been specifically designed to enhance their knowledge, skills, and experience. Additionally, in a continuing effort to address groups that have not been adequately represented in the science and engineering workforce, NASA offers educational programs that are specifically tailored for underrepresented minority students at the middle school and high school levels, as well as for minority teachers and faculty members.

Higher Education

NASA's higher education programs target faculty, graduate and undergraduate students, colleges and universities, and other organizations with an interest in aeronautics; life, Earth, and space science research; education; and related public service. NASA's programs at the collegiate level feature active participation in NASA research, undergraduate and graduate student financial support, and faculty preparation and enhancement activities.

Public Understanding of Science

NASA Visitor Centers offer the public a unique chance to see first-hand the past, present, and future of U.S. aerospace research. The Centers display hundreds of artifacts, scale models, and pieces of actual space equipment. Many of the Centers also offer special films, programs, and attractions that highlight the achievements of the past 30 years or future explorations.

How Mathematics and Science Education Programs Are Administered

NASA's national education programs are carried out through NASA Headquarters and the 10 NASA Field Centers. The Headquarters Education Division of the Office of Human Resources and Education oversees education programs and activities at a national level, while the 10 Field Centers administer segments of the national programs, as well as additional regional and local programs. To find the Field Center serving your State, see the State Highlights section of this publication.

Administrative Offices for Mathematics and Science Education

NASA's Education Program is carried out through five primary categories and one enabling goal. These categories are Teacher Preparation and Enhancement, Student Support, Curriculum Support, Systemic Change, and Education Technology, with the enabling goal of Evaluation and Performance Indicator System.

Education Division
NASA Headquarters, Code FE
300 E Street SW
Washington, DC 20546
(202) 358-1110

Teacher Preparation and Enhancement

Teacher Preparation and Enhancement uses the NASA mission, facilities, human resources, and programs to provide exposure and experiences to teachers and faculty to support the enhancement of knowledge and skills, and to provide access to NASA information in science, mathematics, engineering, and technology.

Student Support

Student Support uses the NASA mission, facilities, human resources, and programs to provide information, experiences, and research opportunities for K-12, undergraduate, and graduate students to support the enhancement of knowledge and skills in the areas of science, mathematics, engineering, and technology.

Curriculum Support

Curriculum Support provides supplementary instructional materials and curricula in science, mathematics, engineering, and technology based on NASA's unique mission, and to support the development and augmentation of higher education curricula.

Systemic Change

Systemic Change uses the unique assets of NASA to support local, State, regional, and national efforts to enhance the goals of the educational community through individual or collaborative efforts with a range of partners.

Education Technology

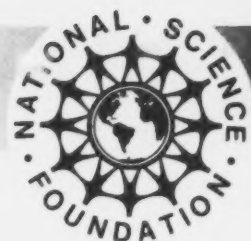
Education Technology provides products and services that facilitate the application of technology to enhance the educational process for formal education and lifelong learning.

NASA Headquarters and Field Centers



1. **Ames Research Center, Moffett Field, California**, contributes to the U.S. space program in the areas of space science, life sciences, and space technology.
2. **Dryden Flight Research Facility, Edwards Air Force Base, California**, is the Nation's premier aeronautical flight test facility and the landing site for many Space Shuttle missions.
3. **Goddard Space Flight Center, Greenbelt, Maryland**, is a unique national facility where hundreds of scientists, engineers, and technicians work together to design, develop, fabricate, test, launch, and track spacecraft; operate flight projects; and analyze data.
4. **Jet Propulsion Laboratory, Pasadena, California**, has as its primary focus the scientific study of the solar system and the exploration of the planets with automated spacecraft.
5. **Lyndon B. Johnson Space Center, Houston, Texas**, is the focal point for NASA's manned space flight program. Johnson has been "Mission Control" for all manned space flights since *Gemini 4* in 1965.
6. **John F. Kennedy Space Center, Cape Canaveral, Florida**, is the primary launch site for manned and unmanned space vehicles. Situated on a national wildlife refuge, it is the NASA Field Center where rockets and their payloads are inspected, prepared, and launched.
7. **Langley Research Center, Hampton, Virginia**, focuses primarily on aeronautical research. The Center currently devotes two-thirds of its programs to aeronautics and the remainder to space research.
8. **Lewis Research Center, Cleveland, Ohio**, conducts a varied program of research in aeronautics and space technology. Aeronautics research at Lewis includes work on advanced materials and structures for aircraft. Space-related research focuses primarily on power and propulsion.
9. **George C. Marshall Space Flight Center, Huntsville, Alabama**, is the primary propulsion system center for NASA. Its rockets sent the first Americans into space, landed men on the moon, launched Skylab, and lifted the Space Shuttle into orbit.
10. **John C. Stennis Space Center, Mississippi**, is NASA's prime test facility for large liquid propellant rocket engines and propulsion systems. Stennis is also responsible for research programs in environmental sciences and remote sensing of Earth's resources.
11. **Wallops Flight Facility, Virginia**, is a special facility for suborbital research, operated by Goddard Space Flight Center.
12. **NASA Headquarters, Washington, DC**, oversees agency programs.

National Science Foundation



Education in science and mathematics involves a chain of links from preschool through K-12, to undergraduate and graduate study, and a parallel chain of informal learning experiences. All the links must be strong. Education must stimulate the interests of all students, indeed of all citizens, so as to ensure that the Nation will have the science and technology workforce including scientists and engineers it needs in the years ahead and the scientifically literate citizenry that our democracy will require as we enter the 21st Century. In its education programming, the Foundation reaches out to all—not just to those who may become the scientists and engineers of tomorrow.

Luther S. Williams
Directorate for Education and
Human Resources
National Science Foundation

Mission

The National Science Foundation (NSF) was established to promote and advance scientific progress in the United States. The Foundation has a legislative mandate to initiate and support basic science and engineering research, with the dual objective of strengthening research potential and education programs at all levels. While the Foundation itself does not conduct such activities, it sponsors research and education in science and engineering.

Background

The National Science Foundation is an independent Federal agency, established in 1950. Policy-making authority within the agency is vested in the National Science Board, which is composed of scientists, educators, and public affairs experts. Its 25 members are appointed by the President with the consent of Congress.

NSF provides funding for research and education in the sciences and engineering. However, the Foundation does not support clinical research. Most proposals are initiated by educational institutions and other organizations rather than from individuals. More than one-half of its professional staff are scientists, engineers, and educators in these disciplines—60 percent

on temporary assignment as visiting scientists and Inter-Program Assignees. These individuals oversee the disbursement of funds through seven directorates within the Foundation: Biological Sciences; Computer and Information Science and Engineering; Education and Human Resources; Engineering; Geosciences; Mathematical and Physical Sciences; and Social, Behavioral, and Economic Sciences.

Role in Mathematics and Science Education

The National Science Foundation Act of 1950 authorizes and directs the Foundation to initiate and support education programs in virtually all fields of science and engineering, at all educational levels. The agency capitalizes on its unique ability to draw on the expertise of the science and mathematics research and education communities. Each year, NSF submits to Congress an updated 5-year strategic plan for science and engineering education. The plan simultaneously addresses short-term objectives that benefit the students currently in the system and long-term goals that result in fundamental changes to the basic delivery of education.

Elementary and Secondary

NSF places a major emphasis on elementary and secondary science, mathematics, and technology education, with the objectives of attracting and sustaining the interest of all students in these fields, as well as improving the quality of instruction for all students. The Foundation is actively involved in the support of reform efforts in science and mathematics curricula that emphasize comprehensive, integrated approaches to teaching and learning. NSF's highest priority in terms of funding currently is the enhancement of teachers' content and pedagogical knowledge in science, mathematics, and technology (especially at the elementary level); implementation of systemic reform at State, urban, and district levels; and implementation of science and mathematics standards for content, teaching, and student performance assessment.

Higher Education

NSF provides leadership and leveraged project support for the Nation's higher educational system of technical colleges, 2- and 4-year colleges, and comprehensive and research universities. NSF programs seek to engage all undergraduate students in the learning of science and mathematics—those who will be engineers and scientists or skilled technicians in our workforce; teachers of science and mathematics in our schools; leaders of business, the professions, and government; and, in every case, citizens in an increasingly technology-based society.

At the graduate level and beyond, the Foundation's activities concentrate principally in two directions: (1) support for outstanding graduate students to ensure a steady flow of high-ability students through the education and research training systems, and (2) support for postdoctorals and young faculty to attract beginning professionals to academic careers and provide them with critical study and research opportunities in their formative years.

Public Understanding of Science

The Foundation supports projects that provide rich and stimulating environments outside of school, where individuals of all ages, interests, and backgrounds can increase their appreciation and understanding of science and mathematics and their applications. Program emphases include establishing creative linkages between formal and informal education and stimulating parental/adult involvement in, and support of, quality science, mathematics, and technology education. These projects involve broadcast, print, and film; museums and science and technology centers; zoological parks, arboreta, and aquaria; and community-based organizations.

How Mathematics and Science Education Programs Are Administered

The Directorate for Education and Human Resources is the primary unit for education programs within NSF, and is funded by Congress through separate appropriation. All NSF research directorates, however, also engage in educational activities related to their disciplinary focus.

Administrative Offices for Mathematics and Science Education

Division of Elementary, Secondary, and Informal Education

The Division of Elementary, Secondary, and Informal Education provides the foundation for NSF reform efforts in science, mathematics, and technology education from prekindergarten through grade 12. Its programs provide quality educational experiences for all students in classroom settings and increase opportunities for all individuals to explore science, mathematics, and technology through museum exhibits, the media, and community activities. Division programs support instructional materials development, inservice teacher education and career recognition, advanced technological education, informal science education, and research experiences for high-potential and high-ability youth.

Margaret B. Cozzens, Division Director
Division of Elementary, Secondary, and Informal Education
National Science Foundation, Room 885
4201 Wilson Boulevard
Arlington, VA 22230
(703) 306-1620/Fax: (703) 306-0412
E-mail: mcozzen@nsf.gov

Division of Human Resource Development (HRD)

The Division of Human Resource Development at NSF works to broaden the participation of persons from underrepresented groups in science, engineering, and mathematics. HRD programs focus on making comprehensive and systemic changes in the education and research training of minorities, women, and persons with disabilities from precollege to graduate education.

Roosevelt Calbert, Division Director
Division of Human Resource Development
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
(703) 306-1640

Division of Research, Evaluation and Communication

The Division of Research, Evaluation and Communication supports research, statistical studies, and evaluations of science, mathematics, engineering, and technology education in the United States. In addition, the Division prepares a biennial indicators report on all levels of science and mathematics education; supports communication of educational research results; funds projects in advanced educational technology, teaching, and learning; and provides analytical and policy support in these critical areas.

Daryl E. Chubin, Division Director
Division of Research, Evaluation, and
Communication
National Science Foundation
4201 Wilson Boulevard, Suite 855
Arlington, VA 22230
(703) 306-1650/Fax: (703) 306-0434
E-mail: dchubin@nsf.gov

Division of Undergraduate Education

The Division of Undergraduate Education serves as the focal point for the National Science Foundation's agencywide effort in undergraduate education. The programs in this division support course and curriculum development, instrumentation and laboratory improvement, undergraduate faculty enhancement, undergraduate preparation of future elementary and secondary science and mathematics teachers, and advanced technological education for the technical workforce.

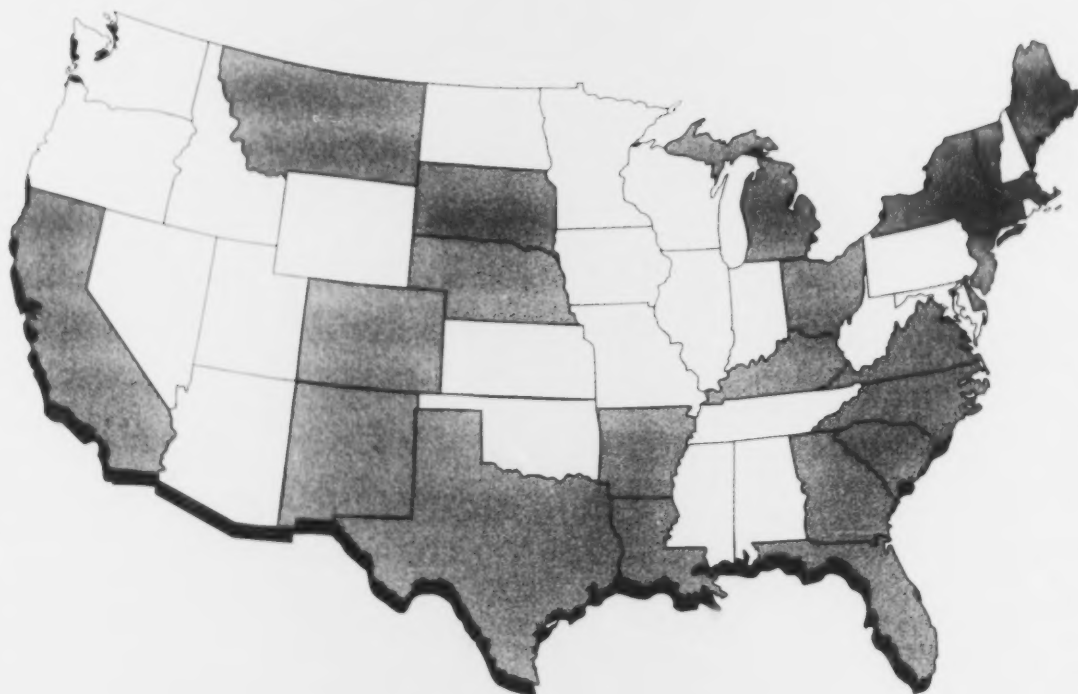
Robert F. Watson, Division Director
Undergraduate Education
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
(703) 306-1670/Fax: (703) 306-0445

Office of Systemic Reform

The Office of Systemic Reform is an active partner in efforts to improve mathematics and science education and academic research competitiveness in selected States, cities, and rural areas.

Peirce Hammond, Acting Office Administrator
Office of Systemic Reform
National Science Foundation
4201 Wilson Boulevard, Suite 875
Arlington, VA 22230
(703) 306-1690/Fax: (703) 306-0456

National Science Foundation Statewide Systemic Initiatives



● — PUERTO RICO

The National Science Foundation established the Statewide Systemic Initiatives (SSI) Program to encourage improvement in mathematics, science, engineering, and technology education through comprehensive systemic changes in State education systems. Currently, 24 States and 1 Territory, highlighted above, have been awarded competitive grants from this program. For more information about individual State initiatives, see the State Highlights section of this publication.

State Systemic Initiatives grant recipients:

Arkansas	Maine	Ohio
California	Massachusetts	Puerto Rico
Colorado	Michigan	South Carolina
Connecticut	Montana	South Dakota
Delaware	Nebraska	Texas
Florida	New Jersey	Vermont
Georgia	New Mexico	Virginia
Kentucky	New York	
Louisiana	North Carolina	

Smithsonian Institution

150
1846-1996
Smithsonian

Much of what the United States has achieved in the 20th century is due to its commitment to scientific inquiry and technological development. But our take off was grounded in the preparation in science and mathematics of earlier generations of Americans. That intellectual capital is nearly spent. It is time to replenish it through investment in the education of new generations.

I. Michael Heyman, Secretary
Smithsonian Institution

Mission

The Smithsonian Institution is a trust instrumentality of the Federal Government, established to increase and diffuse knowledge. While the Institution receives Federal support for its operation, it has no government or regulatory functions and serves, in effect, as an independent agency.

Background

The Smithsonian Institution was founded in 1846. Although it is best known for its 14 museums and the National Zoo, the Smithsonian is also one of the country's premier research facilities. In addition to its federally-funded programs, the Institution has many privately funded activities.

Role in Mathematics and Science Education

As part of its mandate to increase and diffuse knowledge, the Smithsonian Institution considers science education to be one of its most important missions.

Elementary and Secondary Education

In recent years, the Institution has focused on assisting school systems in addressing the national crisis in science and mathematics education. Three areas receiving particular attention, both in the museums and in other Smithsonian bureaus, have been profes-

sional education for teachers, curriculum materials for schools, and programs to effect attitudinal changes about science.

Higher Education

Through internships and fellowships the Institution provides individualized training in science for undergraduate and graduate students. Smithsonian programs for those individuals studying astrophysics and biology are especially outstanding.

Public Understanding of Science

Through educational outreach programs, the Smithsonian Institution can improve science literacy among the general public. The museums inform and educate visitors through special exhibits, onsite demonstrations, and publications.

How Mathematics and Science Education Programs Are Administered

Each administrative division within the Smithsonian is responsible for its own education programs, and each museum has an education office that reports to the museum director. The Institution's Office of Elementary and Secondary Education is the central office for precollege education.

Administrative Offices for Mathematics and Science Education

Harvard-Smithsonian Center for Astrophysics

The Smithsonian Astrophysical Observatory coordinates its varied scientific programs with the Harvard College Observatory, and together the two observatories form the Harvard-Smithsonian Center for Astrophysics in Cambridge, Massachusetts. The Science Education Department at the Center cur-

rently manages eight projects funded by the National Science Foundation or the Annenberg Foundation, with additional support from the Smithsonian Institution. These projects address the needs of teachers and students in elementary, secondary, and college science education through advanced technology, curricula and materials, teacher enhancement, and teacher networks.

Hal Coyle, Senior Writer
Science Education Department
Harvard-Smithsonian Center for Astrophysics
60 Garden Street, MS-71
Cambridge, MA 02138
(617) 495-9798/Fax: (617) 496-5404
E-mail: hcoyle@cfa.harvard.edu

National Air and Space Museum

The National Air and Space Museum serves as a major educational center that the public can access easily to learn about the history and development of aeronautics, Earth and planetary sciences, astronomy, astrophysics, and related areas of the arts, humanities, and sciences. Particular emphasis is given to the social implications of the museum's collections and research on the quality of life for humankind.

Jacqueline Grazette
Assistant Director for Education
Educational Services Department, MRC 305
National Air and Space Museum
Washington, DC 20560
(202) 786-2524/Fax: (202) 633-8928

National Museum of Natural History/ Museum of Man

The National Museum of Natural History/Museum of Man houses the world's largest and most valuable assemblage of natural history specimens and human artifacts. It is the largest research organization in the Smithsonian, and at the college level the museum has a large internship program. Through its many exhibits, educational programs, and scholarly and popular publications, the museum disseminates knowledge about the world's natural and cultural diversities.

Laura McKie
Assistant Director for Education
National Museum of Natural History
10th Street and Constitution Avenue NW,
MRC 158
Washington, DC 20560
(202) 357-2066/Fax: (202) 786-2778

National Science Resources Center

Operated jointly by the Smithsonian Institution and the National Academy of Sciences, the National Science Resources Center's mission is to improve the teaching of science in the Nation's schools. The Center's work is in three principal program areas: national outreach to build consensus, dissemination of information, and development of innovative science curriculum materials.

Douglas Lapp, Executive Director
National Science Resources Center
MRC 403
Smithsonian Institution
Washington, DC 20560
(202) 357-2555/Fax: (202) 786-2028

National Zoological Park

The National Zoological Park maintains a living collection at the zoo and a major conservation, animal breeding, and research facility in Virginia. Through programs in education, research, conservation, and animal health, the park promotes understanding of animal adaptations and evolution, and the interaction of wildlife with the environment and human culture. Through a series of new exhibits, programs, and graphics, the zoo is transforming the park into a biological park to educate the public about life in all of its forms and its interconnections.

David Jenkins
Associate Director for Interpretive Programs
National Zoo/Education Department
3001 Connecticut Avenue NW
Washington, DC 20008
(202) 673-4919/Fax: (202) 673-4746

Office of Elementary and Secondary Education

Drawing on the collections, exhibitions, and research of the Smithsonian's many museums and research institutes, the Office produces programs and publications for teachers and their students nationwide. It serves as a clearinghouse about the Institution's many educational resources and as a source of model instructional approaches. The Office advises senior management on precollege education and helps to formulate pan-Institutional policies on and goals for education.

Ann Bay, Director
Office of Elementary and Secondary Education
Smithsonian Institution
Arts and Industries Building, Room 1163
Washington, DC 20560
(202) 357-2425/Fax: (202) 357-2116

Smithsonian Environmental Research Center

The Smithsonian Environmental Research Center conducts long-term scientific research on estuarine land and water ecosystems found in the Chesapeake Bay watershed. The Center disseminates the results of its research through scientific journals, national and international meetings and seminars, the training of scientists, and public education activities for adults, families, and students (K-12).

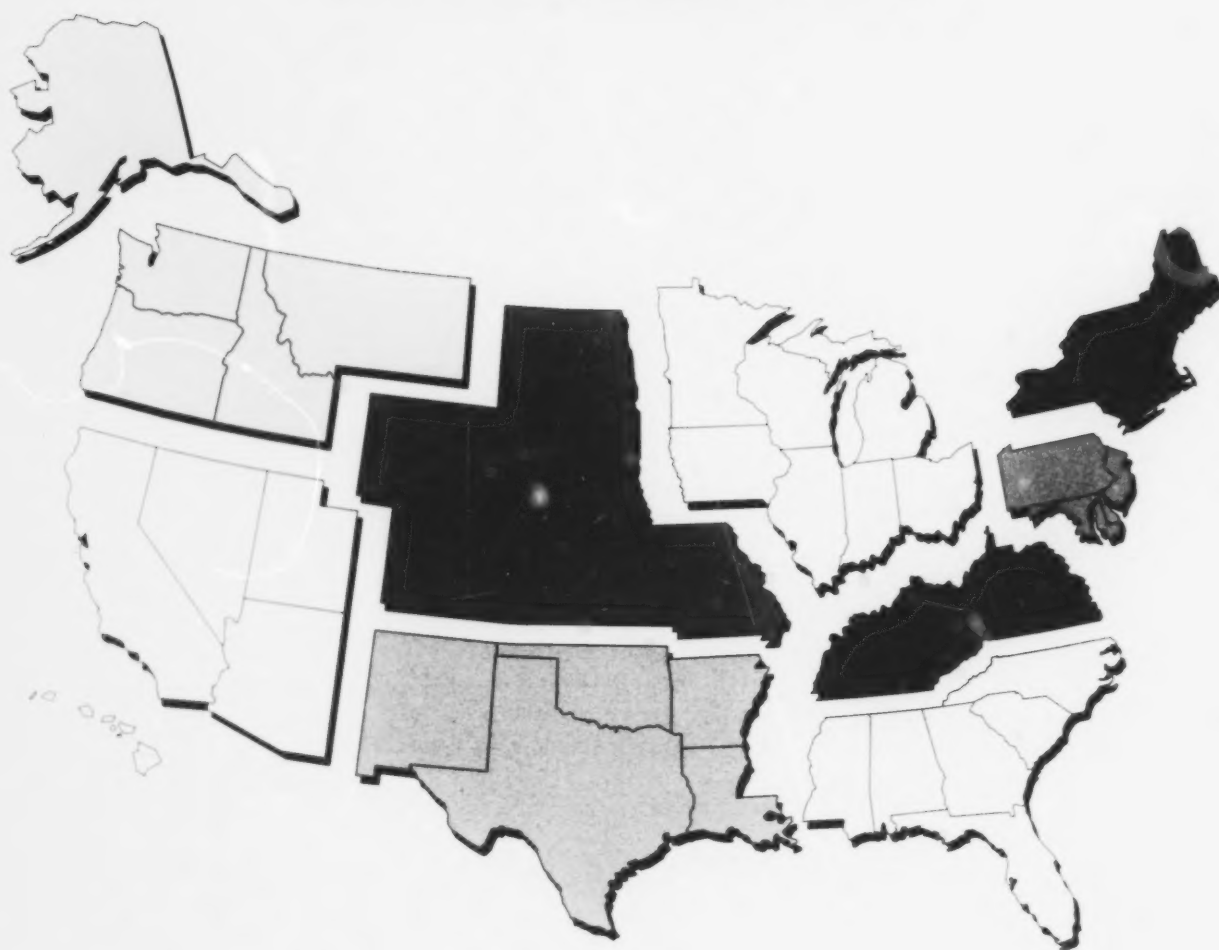
A. Mark Haddon, Education Director
Smithsonian Environmental Research Center
P.O. Box 28
Edgewater, MD 21037
(301) 261-4190/Fax: (301) 261-7954
E-mail: HADDON@SERC.SI.EDU or
HADDON@AOL.COM

Smithsonian Tropical Research Institute

The Smithsonian Tropical Research Institute conducts basic research on the ecology, behavior, and evolution of tropical organisms. Headquartered in Panama, the Institute conducts research throughout the tropics and is the custodian of the Barro Colorado Nature Monument, a 12,000-acre tropical nature preserve located along the Panama Canal. Other facilities include a cloud-forest station, a research vessel, marine laboratories on the Atlantic and Pacific Oceans, and a research library.

Georgina DeAlba
Smithsonian Tropical Research Institute
P.O. Box 2072
Balboa, Republic of Panama
(507) 227-4918/Fax: (507) 232-5978
E-mail: Stremois@SIVM.SI.EDU

National Programs for Elementary and Secondary Education



U.S. Department of Agriculture (USDA)

4-H/Honda Mentorship Project

The 4-H/Honda Mentorship Project provides an opportunity for teams of teenagers to work with adult mentors in hands-on problem-solving experiences in engineering at Honda's technical training sites across the country. The curriculum includes working as a team and managing time and resources to solve science-related problems.

Director, National 4-H Council
7100 Connecticut Avenue NW
Chevy Chase, MD 20815
(301) 961-2853

4-H Missions in Space Program

The 4-H Missions in Space Program, a partnership between National 4-H and the Alabama Space Science Exhibit Commission, encourages youth to attend the Space and Rocket Center in Alabama and the Astronaut Hall of Fame in Florida. Space Camp allows students to participate in a variety of science and technology activities. Scholarships are available to assist underrepresented youth.

Extension 4-H Specialist, ACES-4-H
211 Duncan Hall
Auburn University, AL 36849-5620
(205) 844-2233

4-H Regional Leadership Centers

Designed to complement the National Network for Action in Science and Technology, Regional Leadership Centers train community-based teams in nonformal science education and are responsible for keeping these teams up to date on new programs. Regional Centers are currently operating in California, Georgia, Missouri, and New York.

4-H Specialist
Agriculture and Natural Resources
University of California at Davis
Davis, CA 95616
(916) 752-8824

Coordinator
National Network for Action and Science
Technology
6H Berkey Hall
Michigan State University
East Lansing, MI 48824-1111
(517) 355-0180

4-H Science Experience and Resources for Education Settings (SERIES) Program

The national 4-H SERIES Program increases both the quantity and quality of science experiences available to students in a way that promotes a greater understanding of science. SERIES trains teenagers as science coaches for youth ages 9-12. Teens also work under the mentorship of practicing scientists and explore possible career opportunities in science and technical fields and participate in community service. Training for SERIES is conducted through the four Regional Leadership Centers.

Project Director, 4-H SERIES
Division of Agriculture and Natural Resources
University of California at Davis
300 Lakeside Drive
Davis, CA 95616
(916) 752-8824

4-H Youth Development Programs

The 4-H Youth Development Programs under the Cooperative State Research, Education, and Extension Service offer opportunities for sparking interest in mathematics and science among American youth, and complement classroom education with informal, experiential education in community settings. Approximately 6 million youth, ages 5-18, participate in school enrichment, clubs, and special events. The 4-H organization receives substantial support from volunteers and private-sector contributors. Each State has a 4-H State Leader who can provide more information about 4-H activities.

National Program Leader
Families, 4-H, and Nutrition
Room 3860, South Building,
USDA Cooperative State Research, Education, and
Extension Service
Washington, DC 20250-0900
(202) 720-5516/Fax: (202) 720-9366

Ag in the Classroom Program

The Ag in the Classroom Program helps students gain a greater understanding of agriculture's role in the economy and society, and informs students about career opportunities in the food and agricultural sciences. While the Department of Agriculture provides national leadership, each State develops its own programs in cooperation with agribusiness, education, and government. Information about State programs is available through the Washington, DC, office. The Ag in the Classroom State Leader can provide details on State-level programs.

Director, Ag in the Classroom
U.S. Department of Agriculture
Room 4307, South Building
Washington, DC 20250-0991
(202) 720-5727/Fax: (202) 690-0062

Black Emphasis Program

The Black Emphasis Program develops academies that focus on African-American males at the middle school level. The academies provide students with early science experiences, mentors, and role models to enhance self-confidence and to develop an interest and desire to achieve in science-related fields. Academies are funded through two Historically Black Colleges and Universities.

Black Emphasis Program Manager
U.S. Department of Agriculture
1322 South Building
Washington, DC 20250-1322
(202) 720-2019/Fax: (202) 690-2345

Infusing Aquaculture Into Agriculture Education

Through congressional appropriations in 1990-1995, USDA initiated a pilot program, Infusing Aquaculture Into Agriculture Education, to develop materials, conduct field tests, and provide training in aquaculture for selected teachers across the country. The 1,100-page, 5-volume curriculum is proving valuable in teaching high school students the principles of science and mathematics related to aquatic organisms. The program is being adapted by some schools for middle and elementary students.

Director, Higher Education Programs
Cooperative State Research, Education, and
Extension Service
U.S. Department of Agriculture
14th and Independence Avenue SW
Ag Box 2251
Washington, DC 20250-2251
(202) 720-1973/Fax: (202) 720-2030

National Network for Action in Science and Technology

The National Network creates a stronger link of land-grant colleges and universities that provide technical assistance to the federally-funded children, youth, and families at-risk sites. The Network provides trainers with the information and skills necessary to return to their local communities and train others to implement science and technology curricula and processes. In addition, trainers learn how to recruit participants, promote programs, and establish advisory and planning groups.

Coordinator
National Network for Action and Science
Technology
Michigan State University
6H Berkey Hall
East Lansing, MI 48824-1111
(517) 355-0180

Research Apprenticeship Program

The Research Apprenticeship Program provides summer employment in university and Federal research laboratories for high school students having strong mathematics and science aptitude. One-fourth of the students receive Federal support; the remainder are supported by State and private funds leveraged by the Federal partner. Many research apprentices are females or minorities. Participants interact directly with scientists at USDA laboratories and gain valuable experience in agricultural science.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education, and
Extension Service, Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Research Apprenticeship Program for Minority High School Students

The Research Apprenticeship Program for Minority High School Students provides not only summer employment for minority high school students having strong scientific aptitude, but also the opportunity to interact with research scientists and gain first-hand experience in a research environment at selected university laboratories.

Coordinator, 1890 Programs
U.S. Department of Agriculture
Cooperative State Research, Education, and
Extension Service, AG Box 3398
Washington, DC 20250-2210
(202) 720-2471/Fax: (202) 720-3398

SPACES: Preparing Kids for a High Tech and Global Future

SPACES is an informal hands-on community-based science education program that prepares students for a global and high-tech society. This programming framework shows how to set up a science education program for children ages 5-14, and involves community scientists, technicians, and others with science and technology expertise. The program focuses on aerospace, the environment, and relationships with oneself and others. Extensive curriculum support is available.

Michigan 4-H Youth Programs
Michigan State University
6H Berkey Hall
East Lansing, MI 48824-1111
(517) 355-0180

Teachers' Research Fellowship Program

The Teachers' Research Fellowship Program offers temporary employment to mathematics, biology, or physical science teachers at the junior or senior high school level. Teachers work under an Agricultural Research Service scientist on specific research problems tailored for completion within a given time period. The program provides teachers with first-hand agricultural and food-related research experience that can be transferred to students in the classroom.

Sharon Tally
Kansas State University
124 Bluemont Hall
Manhattan, KS 66506
(913) 532-7946/Fax: (913) 532-7304

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education, and
Extension Service, Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Youth Conservation Corps

The Youth Conservation Corps is a summer employment program offered by the Departments of Agriculture and Interior. Students, ages 15-18, work on projects to further the development and conservation of U.S. natural resources. Work projects are planned, directed, and executed to give the enrollees an understanding of their tasks and how their work contributes to environmental enhancement.

Director, Human Resources Programs
U.S. Department of Agriculture
Forest Service
P.O. Box 96090
Washington, DC 22209
(703) 235-8834

U.S. Department of Commerce (DOC)

National Sea Grant College Program

Established in 1966 and administered by the National Oceanic and Atmospheric Administration (NOAA), this program combines the resources of the Federal Government with those of universities and States to develop and analyze the Nation's marine resources through research, education, and outreach. Grant proposals are reviewed and grants are normally awarded on an institutional basis through the Sea Grant college or institution designated in each coastal State. It is the Sea Grant colleges that provide

research opportunities for scientists and education for the general public about marine resources. Educational activities include graduate education and research apprenticeships, undergraduate education, K-12 teacher science skills, and public outreach.

Outreach Team Leader
National Sea Grant College Program
SSM C3, Room 11843
1315 East-West Highway
Silver Spring, MD 20810
(301) 713-2431/Fax: (301) 713-0799

National Sea Grant College Program, Global Change Education Program

Regional Global Change consists of "Training the Trainer" workshops for informal educators, NOAA employees, and local extension leaders. Workshop topics include natural variability, greenhouse/sea-level rise, ozone depletion, resource consumption, and decisionmaking under "scientific uncertainty."

Bob Norris, Outreach Program
R/ORI, 1335 East-West Highway
Silver Spring, MD 20910
(301) 713-2431, ext. 142/Fax: (301) 713-0799
E-mail: rnorris@rdc.noaa.gov

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Dr. Shirley Fiske
Outreach Program Director
R/ORI, 1335 East-West Highway
Silver Spring, MD 20910
(301) 713-2431, ext. 148/Fax: (301) 713-0799

NOAA National Environmental Satellite, Data, and Information Service (NESDIS)

The primary educational goal of NESDIS is to enable teachers to access and interpret satellite imagery for use in teaching the Earth sciences. Data can be accessed either by direct readout from orbiting satellites or via the Internet service, the Satellite Active

Archive (SAA). Imagery can be browsed, and then downloaded in limited quantities. A new initiative of SAA is the creation of learning modules on satellites, remote sensing, and applications of satellite data, including imagery interpretation. NESDIS also provides information on ordering archived satellite data. Scientists in NESDIS help teachers learn how to interpret satellite imagery for applications in the atmospheric, marine, and terrestrial sciences. They give presentations at teacher conferences, conduct courses for groups of teachers near NESDIS facilities, and give individual advice when possible.

Nina Jackson
NESDIS Diversity and Education Outreach
Coordinator
NOAA/NESDIS
Room 2057, FB4
Suitland, MD 20746
(301) 457-5112/Fax: (301) 457-5276

NOAA National Weather Service (NWS)

The mission of the National Weather Service is to minimize the impact of severe weather upon the general public and commercial industries. To fulfill this mission, NWS produces informative materials designed to better prepare the public when they encounter severe weather conditions. Publications prepared in cooperation with the American Red Cross highlight the science and safety aspects of severe weather conditions such as hurricanes, tornadoes, flash floods, thunderstorms, and winter storms. In partnership with the American Meteorology Society to educate teachers in the science of meteorology, Project Atmosphere, NWS conducts 2-week summer workshops for teachers at several NWS training and research locations. An NWS-designated meteorologist at each field forecast office interacts with their users in the local community, which includes the general public, emergency managers, educators, and the media.

Joan VonAhn
National Weather Service
Services Development Branch
1325 East-West Highway
Silver Spring, MD 20910
(301) 713-0462

NOAA Public Affairs Office

The Public Affairs Office has a limited number of publications suitable for classroom instruction that teachers may request by mail. Some of these titles are also available on the Internet.

Correspondence Unit
NOAA Public Affairs Office
1305 East-West Highway, #8624
Silver Spring, MD 20910
(301) 713-1208/Fax: (301) 713-1211

U.S. Department of Defense (DoD)

High School Science and Mathematics Summer Faculty (HSSMF) Program

The HSSMF Program is one of the programs that comprises the Scientific Service Program (SSP) contract awarded to and administered by Battelle. The program is sponsored by the Department of the Army through the U.S. Army Research Office (ARO) and by participating Army laboratories and centers. Its primary objective is to enable participating high school faculty to use their personal exposure to research and development activities at Army laboratories/centers to enhance their research and teaching skills and to encourage high school students to undertake careers in science and mathematics.

Applicants must be U.S. citizens and faculty members of accredited high schools or faculty members teaching in accredited secondary schools from the 7th through the 12th grades. They must teach in one or more of the following disciplines: mathematics, physics, general science, engineering, chemistry, psychology, computer science, and biology. Awards are made to the most deserving applicants.

Selected candidates receive a stipend of \$600 per week for a maximum 10 weeks during the summer. Candidates must live within commuting distance of the assigned laboratory or center.

Gary Hill
Battelle, Research Triangle Park Office
200 Park Drive
P.O. Box 12297
Research Triangle Park, NC 27709-2297
(919) 549-8291/Fax: (919) 549-8205

Junior Science and Humanities Symposium (JSHS) Program

JSHS Program objectives are to:

- (1) Promote research and experimentation in the sciences, mathematics, and engineering at the high school level.
- (2) Recognize the significance of research in human affairs and the importance of humane and ethical principles in the application of research results.
- (3) Search out talented youth and their teachers; recognize their accomplishments at symposia; and encourage their continued interest and participation in the sciences, mathematics, and engineering.
- (4) Expand the horizons of research-oriented students by exposing them to opportunities in the academic, industrial, and governmental communities.
- (5) Enlarge the number of future adults capable of conducting research and development.

A typical symposium is held in an academic setting where attendees benefit from an active exchange of ideas with professionals and with their peers. They hear lectures from distinguished scientists and observe ongoing research projects in university, Army, or corporate laboratory settings. Selected students also have the opportunity to present the results of their original research before the audience. More than 8,000 students and teachers participate annually in 47 regional symposia held throughout the United States, Europe, Japan, and Puerto Rico.

Peggy Lacewell
U.S. Army Research Office
4300 South Miami Boulevard
P.O. Box 12211
Research Triangle Park, NC 27709-2211
(919) 549-4339

National Science Center (NSC)

The National Science Center and its multifaceted programs are supported by the United States Army. The programs are designed to increase interest in science, mathematics, and technology among students; improve the skills of teachers; and provide mathematics and science education support in the classroom. The Center offers hands-on workshops for teachers in science, mathematics, electronics, and computers, and offers camps nationwide in the same

subjects for students. Portable planetariums for instruction in space science, astronomy, geography, and biology are available on loan to teachers who have been certified through the Center's comprehensive training program. In addition, NSC operates a discovery center that offers school groups and the general public interactive experiences with scientific exhibits. NSC also operates mobile versions of the discovery center that travel nationwide. NSC also reaches out nationally with satellite teleconference programs on science education and with a Science-by-Mail program that encourages pen pal relationships between students and scientists.

National Science Center
Attention: ATZH-NSC-D
Building 25722
Fort Gordon. GA 30905-5689
(706) 791-7621

Naval Science Awards Program

The Navy and Marine Corps participate each year in district, regional, and State science and engineering fairs in the United States and its territories that exhibit various projects submitted by high school students in grades 9-12. At each participating fair, four students whose projects are considered to demonstrate excellence in any field of endeavor, not necessarily military or nautical, are designated as first-place Navy/Marine Corps Distinguished Achievement Award winners. The students receive a certificate, a programmable scientific calculator, and an invitation to submit a written report of their winning project to the National Naval Science Awards Program Competition held in May. Approximately 25 winners of this competition are awarded scholarships and science-oriented trips. The Navy and Marine Corps also participate in the annual International Science and Engineering Fair (ISEF), sponsored by Science Service, Inc., awarding scholarships in each of the scientific disciplines. Award recipients must be citizens of the United States or its territories at the time of their selection.

Project Officer
Naval Science Awards Program
Office of Naval Research
Code 353
800 North Quincy Street
Arlington, VA 22217-5660
(703) 696-5787/Fax: (800) 422-6727

Navy Community Service Program (NCSP)

The Navy Community Service Program is a worldwide program that encourages Navy military and civilian employees to volunteer their time and talent to help educate and encourage youth to develop social responsibility, fitness, and natural resource stewardship. The Navy currently participates in several hundred volunteer partnerships with schools. These arrangements provide tutoring, mentoring, and other community-based projects. Projects are geared toward, but not limited to, strengthening student skills in mathematics, science, engineering, and environmental conservation. See the State Highlights section of this publication for regional NCSP offices.

Navy Community Service Program
Bureau of Naval Personnel
Pers-605
2 Navy Annex, Room 1809
Washington, DC 20370-6050
(703) 614-1290

Research and Engineering Apprenticeship Program (REAP)

The Research and Engineering Apprenticeship Program was begun in 1980 to encourage socially and economically disadvantaged youth to pursue studies in science and engineering. The REAP experience provides a cooperative education (work/study) program that will afford hands-on experience in Army research and development activities to high school students who may choose to enter and complete basic education in science and engineering.

High school students accepted for apprenticeships at universities under mentorship of a university faculty member will (1) be paid during work periods ranging from 4 to 13 weeks and (2) work directly under a mentor scientist or engineer who will provide guidance on day-to-day job activities and be available to assist in providing information on career opportunities in science and engineering.

Peggy Lacewell
U.S. Army Research Office
4300 South Miami Boulevard
P.O. Box 12211
Research Triangle Park, NC 27709-2211
(919) 549-4339

Science and Engineering Apprentice Program (SEAP)

This program, coordinated and administered by The George Washington University (GWU), places academically talented high school students with interest and ability in science and mathematics as apprentices in more than 40 DoD research activities for 8 weeks during the summer. These students work with scientists and engineers, who act as mentors. Participating laboratories are encouraged to give special consideration to females and to members of underrepresented minorities. Specific minority programs are held on the GWU campus in the summer. See the State Highlights section of this publication for participating activities.

Marylin Krupsaw
GWU/SEAS
Science and Engineering Apprentice Program
707 22nd Street NW
Washington, DC 20052
(202) 994-2234

Undergraduate Training Program

The Undergraduate Training Program, developed particularly for minority high school students, provides full tuition to any university or college for outstanding students who plan to major in electrical or computer engineering, computer science, mathematics, or selected languages. Recipients are guaranteed summer employment during school and permanent employment within the National Security Agency upon graduation. Program participants are required to work for the National Security Agency after graduation for at least one and a half times their length of study.

National Security Agency
Undergraduate Training Program
Attention: M3222
Fort Meade, MD 20755-6000
(410) 859-4590
(800) 962-9398

U.S. Department of Education (ED)

Blue Ribbon Schools Program

The Blue Ribbon Schools Program identifies and gives national recognition to public and private schools that are unusually effective in meeting national, State, and local goals and in educating their students. The program honors schools that show outstanding effectiveness in leadership, organizational vitality, teaching environment, curriculum and instruction, student environment, and parent and community support. To be recognized as a national school of excellence, the school must have unusually strong programs in all areas of school life. Elementary schools and secondary schools are recognized in alternate years. In addition, recognized schools may also receive optional honors in specific areas. The 1994-96 program will recognize secondary schools with optional honors in parent involvement and technology.

Elizabeth Demarest
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20808-5643
(202) 219-2217

Center for Research on the Education of Students Placed At Risk

The Center's Roots and Wings project is developing programs for elementary school mathematics, science, and social studies that are based on the premise that children are active constructors of knowledge. These programs emphasize discovery, experimentation, cooperative learning, and open-ended problemsolving. The programs are being developed and evaluated in high-poverty urban and rural schools.

Roots and Wings Project
Center for Research on the Education of Students
Placed at Risk
The Johns Hopkins University
3505 North Charles Street
Baltimore, MD 21218
(410) 516-8800/Fax: (410) 516-8890
E-mail: jhollifi@inet.ed.gov

Eisenhower National Clearinghouse for Mathematics and Science Education

The Eisenhower National Clearinghouse is developing a comprehensive collection and catalog of K-12 curriculum materials. Databases containing the catalog of materials in various formats, text, and evaluations of selected materials and other resources for mathematics and science education are available online and on CD-ROM.

Len Simutis, Director
Eisenhower National Clearinghouse for
Mathematics and Science Education
The Ohio State University
1929 Kenny Road
Columbus, OH 43210-1079
(614) 292-7784/Fax: (614) 292-2066
E-mail: info@enc.org

Eisenhower Professional Development Federal Activities Program

Under legislation passed in 1994, the Eisenhower National Program was expanded to cover all core academic subjects. The Eisenhower Professional Development Federal Activities Program currently focuses on projects that seek to transform the education system to achieve high standards of student performance through systemic reform. The Eisenhower National Clearinghouse and the Eisenhower Regional Consortia, which are described in this section of the publication, illustrate activities supported by the program. Discretionary grant competitions will be held annually depending on the availability of funds.

Eisenhower Professional Development Federal
Activities Program
Office of Educational Research and Improvement
555 New Jersey Avenue NW, Room 502
Washington, DC 20208-5572
(202) 219-2116/Fax: (202) 219-2053

Eisenhower Professional Development State Grant Program

The Eisenhower Professional Development State Grant Program (Title II of the Elementary and Secondary Education Act of 1965 [ESEA], as amended) was enacted in 1994 as part of the Improving America's School's Act of 1994. The Title II program is the largest Federal program that supports professional development activities to improve teaching and learning. Part B of Title II authorizes the

State formula grant program. Under this program, funds flow through the States to local school systems by formula and to institutions of higher education and nonprofit organizations by competitions administered by State agencies for higher education to support and help shape State and local professional development activities in the core academic subjects with a continued focus in mathematics and science content areas. For specific information on your State, contact the Eisenhower Coordinator listed in the State Highlights section.

Christine Jackson
Eisenhower Professional Development State
Grants Program
Office of Elementary and Secondary Education
U.S. Department of Education
600 Maryland Avenue SW
Washington, DC 20202-6140
(202) 260-2516

Eisenhower Regional Consortia

The Eisenhower Professional Development Federal Activities Program has funded 10 Regional Mathematics and Science Education Consortia. Working closely with the Clearinghouse, the consortia provide information and technical assistance to help States and school districts provide improved mathematics and science programs in accordance with national standards. They also train and provide technical assistance to classroom teachers, administrators, and other educators to help them adapt and use exemplary instructional materials, teaching methods, curricula, and assessment tools.

Eisenhower Federal Activities Program
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20808-5645
(202) 219-2116/Fax: (202) 219-2053

ERIC (Educational Resources Information Center)

ERIC is an international information network that acquires, catalogs, and provides access to educational literature. The ERIC system comprises 16 subject-specific clearinghouses; a central processing and reference facility; a document reproduction service; and ACCESS ERIC, a one-stop contact point for new users of the system. To learn more about ERIC, contact ACCESS ERIC at (800) LET-ERIC. The ERIC

Clearinghouse on Mathematics, Science, and Environmental Education, located at The Ohio State University, acquires, selects, and processes high-quality printed materials (such as reports, curricula and instructional materials, evaluations, and information on programs, practices, and policies) in science, mathematics, and environmental education. The Clearinghouse provides a variety of services and products to help educators, administrators, researchers, and others stay up to date on a broad range of issues. It provides reference and referral services in science and mathematics and maintains partnerships for the exchange of information with numerous other organizations. It also produces publications, bibliographies, ERIC Digests, syntheses, and summaries on mathematics and science topics, and compilations of promising programs and practices.

David L. Haury, Director
ERIC Clearinghouse for Science, Mathematics, and
Environmental Education
The Ohio State University
1929 Kenny Road
Columbus, OH 43210-1080
(614) 292-6717
(800) 276-0462
E-mail: ericse@osu.edu

Field-Initiated Studies Program

The Department of Education, through the Office of Educational Research and Improvement (OERI), will fund educational research projects proposed by individuals, institutions of higher education, public and private institutions, organizations, and agencies. Applicants will propose research topics related to OERI's five new national institutes:

National Institute on Student Achievement,
Curriculum, and Assessment
Attention: Clara Lawson-Copeland
(202) 219-2028

National Institute on Education of At-Risk
Students
Attention: Beth Fine
(202) 219-1315

National Institute on Early Childhood
Development and Education
Attention: Joseph Caliguro
(202) 219-1596

National Institute on Governance, Finance,
Policymaking, and Management
Attention: Edward Fuentes
(202) 219-2159/2032

National Institute on Postsecondary Education,
Libraries, and Lifelong Learning
Attention: Delores Monroe
(202) 219-2229

To contact a specific institute, include the appropriate "attention" information provided above. One application package contains information regarding all five institutes. Do not request an application from more than one institute. To request an application write to:

Field Initiated Studies Program
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW, Room 620
Washington, DC 20208-5531
E-mail: fis@inet.ed.gov

Fund for the Improvement of Education

The purpose of the Fund for the Improvement of Education is to support nationally significant programs to improve the quality of education, assist all students to meet challenging State content standards, and contribute to the achievement of the National Education Goals.

Lois N. Weinberg
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW, Room 502h
Washington, DC 20208-5645
(202) 219-2147

Javits Gifted and Talented Students Education Program

The Javits Gifted and Talented Students Education Program funds projects that help schools identify and respond to the special education needs of gifted and talented students, especially those who are disadvantaged or handicapped or have limited English proficiency.

Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20208-5645
(202) 219-2169

National Assessment of Educational Progress (NAEP)

NAEP has measured the educational achievement of American students for more than two decades. Its 1996 mathematics and science assessments of 4th, 8th, and 12th graders will feature several testing innovations. In mathematics and science, students will devote more than half their time to "constructed response" questions that may include extended problemsolving. The science assessment will contain a hands-on task for all students, a study of portfolios for 4th and 8th graders, and an assessment of the best 12th graders. The mathematics assessment will measure students' estimating skills and will allow them to use calculators more often than in the past. Results from the 1992 NAEP mathematics assessment are available from the National Center for Educational Statistics at the Office of Educational Research and Improvement.

Gary W. Phillips
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20208
(202) 219-1761

National Education Longitudinal Study of 1988 (NELS:88)

Through its National Education Longitudinal Study of 1988 (NELS:88) the National Center for Educational Statistics is following a sample of 25,000 8th graders on a 2-year cycle. Individual cohort members (including dropouts in the followups) were surveyed in 1988, 1990, and 1992, along with their parents, principals, and teachers. These same cohort members were resurveyed in 1994. To allow researchers to examine cognitive growth over time, test data in mathematics, science, reading, and social studies also were collected from cohort members. Other data collected by NELS:88 include enrollment patterns in mathematics and science courses, student attitudes toward those subjects, and instructional practices used by their mathematics and science teachers, and high school transcripts.

Peggy Quinn
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20208
(202) 219-1743

National Research and Development Center on Achievement in School Mathematics and Science

The National Research and Development Center on Achievement in School Mathematics and Science is one of seven national education, research, and development centers supported by the Department of Education. The research projects at the core of the center's activities are organized around five thematic elements: modeling, argument and standards of evidence, big ideas and technologies, equity, and assessment. Studies are carried out as part of design collaboratives, in which researchers work with teachers and schools at the elementary, middle, and high school levels, to design and implement "test beds" to support the development and validation of practices leading to higher levels of student achievement for all students.

Thomas A. Romberg, Director
National Research and Development Center on
Achievement in School Mathematics and Science
Wisconsin Center for Education Research
University of Wisconsin-Madison
1025 West Johnson Street
Madison, WI 53706
(608) 263-3406

National Science Standards

The National Research Council of the National Academy of Sciences, with a grant from the Eisenhower National Program, developed science content standards that specify what students are expected to learn in grades K-12. Teachers and other science educators, scientists, and the general public were extensively involved with the project by reviewing and refining the standards. More than 80 organizations served as liaisons to the project. Draft content standards were distributed in late 1994. Separate working groups, funded by a coalition of other Federal agencies, are developing teaching and assessment standards in close cooperation with working groups that developed the content standards. A complete set of the final standards—content, teaching, and assessment—was disseminated in late 1995. (The National Council of Teachers of Mathematics has already developed mathematics standards that are in use across the country.)

Dr. Angelo Collins, Director
National Science Education Standards Project
National Research Council
2101 Constitution Avenue NW, HA 486
Washington, DC 20418
(202) 334-3417

Regional Educational Laboratories

The Department of Education, through the Office of Educational Research and Improvement, funds a network of 10 regional educational laboratories, each serving a specific region of the United States, including its territories. The laboratories identify effective teaching techniques and school improvement efforts within their regions, provide technical assistance, and share information with State and local educators through newsletters, research syntheses, conferences, and the electronic media. As part of their overall program, which is not subject-matter specific, the laboratories have undertaken an initiative to improve mathematics and science education. They are collecting, analyzing, and synthesizing information about curriculum frameworks, performance assessment methods, and successful mathematics and science programs and practices.

Robert Stonehill
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20208-5644
(202) 219-2187

Regional Technology in Education Consortia (R*TEC)

The Department of Education, through the Office of Educational Research and Improvement, established the Regional Technology in Education Consortia (R*TEC) program in the fall of 1995 to help States, districts, schools, adult literacy centers, and other educational institutions use advanced technology to support improved teaching and student achievement. The R*TECs' role in educational technology is unique in two ways: their emphasis is regional, and their primary goal is to ensure that technology is used effectively to support school reform. R*TEC program strategies include professional development, technical assistance, and information dissemination. The R*TECs work in a complementary and collaborative way with technical assistance providers funded by the Department of Education—such as Comprehensive Regional Assistance Centers, the

Eisenhower Regional Consortia for Mathematics and Science Education, and the Regional Educational Laboratories—and with other nationwide educational technology support efforts, such as TechCorps.

Catherine Mozer Connor, Project Officer
Office of Educational Research and Improvement
U.S. Department of Education
ORAD/SLSD, Room 506a
555 New Jersey Avenue NW
Washington, DC 20208-5644
(202) 219-8070
E-mail: cconnor@inet.ed.gov

Star Schools Program

The Star Schools Program funds partnerships that use telecommunications and other technologies to improve educational opportunities for students in mathematics, science, foreign languages, literacy skills, vocational education, and other subjects. Services, including programming and equipment, have been provided to schools and communities serving students in both rural and urban areas. A variety of technologies are supported including satellite, fiber optics, compressed video, facsimile, computer networks, and cable.

Joseph Wilkes
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20208-5645
(202) 219-2186
E-mail: jwilkes@inet.ed.gov

State Curriculum Frameworks

Fifteen States and the District of Columbia have received Eisenhower Professional Development Federal Activities Program grants to help develop and implement K-12 curriculum frameworks and guidelines to clarify what, when, and how to teach mathematics and science. Awards have been made to Alaska, Arizona, Arkansas, Delaware, the District of Columbia, Florida, Louisiana, Maine, Massachusetts, Michigan, Nebraska, New Jersey, New York, Oregon, Rhode Island, and Wisconsin. The frameworks will build upon existing and emerging mathematics and science standards to ensure that all children study challenging subject material in mathematics and science. Projects will also design and implement new approaches to teacher education and certification appropriate to the frameworks.

U.S. Department of Energy (DOE)

Annora Dorsey or Liz Barnes
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW, Suite 502
Washington, DC 20208-5645
(202) 219-2116
E-mail: adorsey@inet.ed.gov
E-mail: ebarnes@inet.ed.gov

Teacher Networking Project

Curricula, classroom teaching, and teacher professional development will be enhanced through online use of electronic teacher networks and shared knowledge in programs supported by more than \$1.8 million in grants from the U.S. Department of Education. The networks link teachers with specialists who can help them improve their skills and knowledge of subject matter. Fifteen grants have been given to projects in 13 States, including an American Indian nation, a State university research foundation, two regional educational laboratories, a private agency, and both rural and urban schools and school districts. Projects include teacher mentoring activities and development of curriculum materials for electronic networking.

Tawanna Colbert
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW, Room 502I
Washington, DC 20208-5645
(202) 219-2116
E-mail: tcolbert@inet.ed.gov

Third International Mathematics and Science Study (TIMSS)

The National Center for Educational Statistics is conducting the U.S. portion of the Third International Mathematics and Science Study being coordinated by the International Association for the Evaluation of Education Achievement. The study will measure student achievement in mathematics and science in more than 40 countries. In 1995, each country assessed 4th-, 8th-, and 12th-grade students and 12th-grade specialists in mathematics and science. The study focuses on student proficiency and also includes performance assessments, a videotape study of instructional practices, and case studies of key policy issues in education. Teacher, school, home, and societal factors will provide a context in which to gauge student achievement and differences among countries.

Lois Peak
Office of Educational Research and Improvement
U.S. Department of Education
555 New Jersey Avenue NW
Washington, DC 20208
(202) 219-1804

U.S. Department of Energy (DOE)

Breaking Through: Women in Science

Breaking Through: Women in Science is a PBS special targeting junior and senior high school girls, encouraging them to consider pursuing careers in the fields of science, engineering, and technology. The special is available on video and shows how today's technical women can have a fulfilling and balanced life including career, family, and other enriching interests.

Karen P. Scott
Education Outreach Program Manager
Sandia National Laboratories/California
7011 East Avenue, MS 9904
P.O. Box 969
Livermore, CA 94550
(510) 294-3760/Fax: (510) 294-1526
E-mail: KPScott@Sandia.gov

Chicago and National Science Explorers Program

This program uses PBS "New Explorers" videotapes. Teachers present science concepts to students, and teacher guides, designed to accompany each videotape, are available for use in the classroom and in collaboration with museums and other science institutions.

Films, Inc.
5547 North Ravenswood Avenue
Chicago, IL 60640-1199

Argonne National Laboratory
9700 South Cass Avenue
Argonne, IL 60439
(800) 343-4312



Hands-On Universe Program

This Lawrence Berkeley Laboratory Program makes cutting-edge astrophysics research tools and technologies available to a wide audience. Via microcomputers and electronic networks, participants can request astronomical images created from the Laboratory's professional-grade telescopes.

Lawrence Berkeley Laboratory
One Cyclotron Road
Center for Science and Engineering Education
Building 938C
Berkeley, CA 94720
(510) 486-5325/Fax: (510) 486-6660

International Science and Engineering Fair Special Awards

This program awards scholarships and certificates to students who present outstanding energy-related science projects at the annual International Science and Engineering Fair.

Associated Western Universities
4190 South Highland Drive, Suite 211
Salt Lake City, UT 84124
(801) 273-8900/Fax: (801) 277-5632

National Education Supercomputer Program (NESP)

In these summer workshops, students and teachers use a Cray Y-MP supercomputer dedicated to education.

Brian Lindow
Manager of Educational Technology Programs
Lawrence Livermore National Laboratory
P.O. Box 808
Livermore, CA 94550
(510) 422-6080/Fax: (510) 423-0418
E-mail: lindowl@llnl.gov

National Science Bowl

The annual academic National Science Bowl competition motivates and recognizes outstanding high school students in science. Awards include trips to DOE National Laboratories.

Sue Ellen Walbridge
U.S. Department of Energy
Office of Energy Research
1000 Independence Avenue SW
Washington, DC 20585-0118
(202) 586-7231/Fax: (202) 586-0019

Standard Model of Fundamental Particles and Interactions

DOE, through Lawrence Berkeley Laboratory and the Stanford Linear Accelerator Center, has sponsored production and distribution of this instructional packet to provide teachers with methods for presenting up-to-date ideas on quarks and leptons.

Science Kit & Boreal Laboratories
777 East Park Drive
Tonawanda, NY 14150-6784
(716) 874-6020

U.S. Department of Health and Human Services (HHS)

Minority High School Student Research Apprentice (MHSSRA) Program

MHSSRA has three areas of focus: high school students and inservice and preservice teachers. MHSSRA's 6- to 8-week apprenticeship program cultivates interest among minority high school students in the biomedical sciences. Students work with local biomedical investigators and learn research procedures, collect and analyze data, help write scientific papers, and deliver presentations at research seminars.

National Center for Research Resources
National Institutes of Health
Biomedical Research Support Program
1 Rockledge Centre
6705 Rockledge Drive, MSC 7965
Bethesda, MD 20892-7965
(301) 435-0760

Minority High School Student Research Apprentice (MHSSRA) Program for Inservice Teachers

The MHSSRA Inservice Program supports the participation of minority teachers or teachers who teach large numbers of minority students in cutting-edge biomedical research. Teachers work with biomedical investigators who are committed to broadening the teachers' scientific knowledge and understanding of technical skills in the hopes that it will transfer into the classroom.

National Center for Research Resources
National Institutes of Health
Biomedical Research Support Program
1 Rockledge Centre
6705 Rockledge Drive, MSC 7965
Bethesda, MD 20892-7965
(301) 435-0760

Minority High School Student Research Apprentice (MHSSRA) Program for Preservice Teachers

The MHSSRA Preservice Program supports the participation of minority undergraduate students interested in a science teaching career in biomedical research while working with local biomedical investigators. The program's intent is to expand teachers' basic scientific knowledge and expose them to research experiences before they enter the classroom.

National Center for Research Resources
National Institutes of Health
Biomedical Research Support Program
1 Rockledge Centre
6705 Rockledge Drive, MSC 7965
Bethesda, MD 20892-7965
(301) 435-0760

National Cancer Institute Student Research Training Program

The primary objective of the National Cancer Institute Student Research Training Program is to provide training and practical experience to highly motivated high school students who work in the National Cancer Institute intramural programs and who are interested in pursuing biomedical research careers. The training program is divided into four areas of research—cancer etiology, prevention and control, treatment, and biology.

National Cancer Institute
National Institutes of Health
Equal Employment Office
Building 31, Room 10A33
9000 Rockville Pike
Bethesda, MD 20892
(301) 496-6266

National Institute of Environmental Health Sciences (NIEHS) Summers of Discovery Environmental Science Education Outreach Program

Summers of Discovery, a program for precollege science teachers and high school through graduate school students who are interested in pursuing careers in the biological sciences, matches participants with volunteer mentors from the intramural program to spend between 2 and 3 months in the mentor's laboratory working on a research project that exposes them to some of the latest biomedical, molecular, and cellular techniques.

National Institute of Environmental Health Sciences
National Institutes of Health
Summers of Discovery
Attention: Personnel Office
P.O. Box 12233/RTP.NC 2NN09
Research Triangle Park, NC 27709
(919) 541-4265

Research Supplements for Underrepresented Minority High School Students

The Research Supplements for Underrepresented Minority High School Students is designed to provide support for summer research experiences for underrepresented minorities. Any Principal Investigator holding an active National Institutes of Health research grant may be eligible to submit a request for an administrative supplement to support a minority high school student.

Office of Grant Inquiries
Division of Research Grants
National Institutes of Health
6701 Rockledge Drive
Suite 3032, NSC 7762
Bethesda, MD 20892
(301) 435-0714

Research Supplements to Promote the Recruitment of Individuals With Disabilities Into Biomedical Research Careers

The Research Supplements to Promote the Recruitment of Individuals With Disabilities Into Biomedical Research Careers program is designed to provide research experiences for qualified high school students with disabilities who wish to participate in an ongoing research project during the summer or during the school year.

Office of Grant Inquiries
Division of Research Grants
National Institutes of Health
6701 Rockledge Drive
Suite 3032, NSC 7762
Bethesda, MD 20892
(301) 435-0714

Summer Science Enrichment Program

The Summer Science Enrichment Program, conducted at sites across the country, encourages underrepresented minorities and underserved youth to pursue professional careers in science, mathematics, and research. During the 6-week sessions, scientists act as teachers and mentors. The program includes classroom and laboratory experiences, as well as weekly field trips and evening seminars.

National Cancer Institute
National Institutes of Health
Executive Plaza North, Room 240
6130 Executive Boulevard
Rockville, MD 20892
(301) 496-8680

U.S. Department of the Interior (DOI)

Earth Science Information Centers (ESICs)

Earth Science Information Centers offer nationwide information and sales service for U.S. Geological Survey map products and Earth science publications. This network of ESICs provides information about geologic, hydrologic, topographic, and land-use maps; books and reports; aerial, satellite, and radar images and related products; Earth science and map

data in digital format and related application software; and geodetic data. ESICs can also provide information on private and public producers of Earth science-related products throughout the United States. For more information contact any ESIC or call (800) USA-MAPS.

Earth Science Information Center Reston
507 National Center
Reston, VA 22092
(703) 648-6045/Fax: (703) 648-5548
(800) USA-MAPS

Federal Junior Duck Stamp Conservation Program

The Federal Junior Duck Stamp Conservation Program uses art as a catalyst to generate interest in wetlands conservation. K-12 students compete for prizes, including an expense-paid trip to Washington, DC, for the top three winners. The program currently operates in 25 States and expansion to all 50 States is expected within the near future.

JoAnn Schneider, Program Director
Federal Junior Duck Stamp Conservation Program
U.S. Department of the Interior
1849 C Street NW, Room 2058
Washington, DC 20240
(202) 208-4354

Heritage Education Program

The Bureau of Land Management's Heritage Education Program is multifaceted, providing educational experiences and teaching resources with a focus on archaeology, history, and paleontology for the school setting as well as for outdoor classrooms, museums, and other informal learning environments. Materials for educators include *Intrigue of the Past*, a teacher's guide to archaeology and ideas for classroom activities.

Project Manager
Bureau of Land Management Imagination Team
Anasazi Heritage Center
27501 Highway 184, P.O. Box 758
Dolores, CO 81323
(303) 882-4811

Parks as Classrooms Program

The Parks as Classrooms Program offers teachers an opportunity to use the national parks to augment classroom instruction. Emphasis in most locations is on ecological and biological principles, while at fewer locations geological, meteorological, and oceanographic principles are specified. The National Park Service offers workshops in the parks to encourage teachers to build their curricula around park resources.

Robert Huggins, National Program Director
Parks as Classrooms Program
National Park Service
P.O. Box 37127
Washington, DC 20013-7127

Project Water Education for Teachers (WET)

Project WET develops diverse and innovative approaches to a balanced water education program that appeals to a wide spectrum of educators and students. Responding to the varied learning styles of young people and highlighting natural and social sciences, mathematics, and the arts, Project WET is producing diverse educational publications, models, and programs. States currently involved in Project WET are listed in the State Highlights section of this publication.

Dennis Nelson, Director
National Project WET
201 Culbertson Hall
Montana State University
Bozeman, MT 59717
(406) 994-5392

Project WILD

Project WILD provides training and curriculum materials for teachers interested in the environmental sciences. The guides contain more than 80 supplementary, interdisciplinary activities for grades K-12. Guides are free to teachers attending the training session. The Project WILD coordinator in each State can provide additional information about Project WILD programs.

Betty Olivolo, Director
Project WILD
5430 Grosvenor Lane
Bethesda, MD 20814
(301) 493-5447/Fax: (301) 493-5627

Research Apprenticeship Program for Students

Selected high school students learn about the management of natural and cultural resources on the Nation's public lands through first-hand work experience. Students work directly with scientists and other professionals. The program operates in the western United States.

Steven Shafran
Bureau of Land Management
Denver Federal Building
390 Union, Suite 350
Denver, CO 80025-5698
(303) 969-5698

Suitcase for Survival

Suitcase for Survival is a special education campaign to acquaint young people with protected wildlife and how illegal trade in these species threatens them with extinction. The program is a cooperative effort sponsored by the U.S. Fish and Zoo and Aquarium Association, the World Wildlife Fund, and the National Fish and Wildlife Foundation. Suitcases, donated by American Tourister, are filled with confiscated wildlife products, accompanied by educational materials. Operated nationally through zoological parks across the country, the program sponsors training classes for teachers to enable them to use the suitcases, and recommends curriculum to help children understand the connection between living animals and the products in the suitcases.

Lynn Baptista, Director of Education
American Zoo and Aquarium Association
Parks and Aquariums
7970-D Old Georgetown Road
Bethesda, MD 20814
(301) 907-7777

Watchable Wildlife

Watchable Wildlife will create a national network of wildlife viewing areas by forming State coalitions that consist of Federal agencies, nonprofit organizations, and environmental associations. Teachers may, for a small fee, purchase a guidebook to their State's Watchable Wildlife facilities. Future plans include the development of interpretive exhibits, visitor centers, environmental and conservation programs, and educational materials. Currently, 20 States participate in this program.

Mark Hilliard
Wildlife Appreciation Program Manager
Western Fish and Wildlife Staff
3380 Americana Terrace
Boise, ID 83706
(208) 384-3088

Youth Conservation Corps

The Youth Conservation Corps is a summer employment program offered by both the U.S. Department of Agriculture and DOI. Students, ages 15-18, work on projects to further the development and conservation of U.S. natural resources. Work projects are planned, directed, and executed so as to give enrollees an understanding of their tasks and how their work enhances the environment.

Youth Conservation Corps Coordinator
U.S. Department of the Interior
National Park Service
P.O. Box 37127, Suite 57
Washington, DC 20013-7217
(202) 343-5514

U.S. Department of Labor (DOL)

Job Corps

A residential employment and training program for severely disadvantaged youth ages 16-24, Job Corps prepares young people for employment and entrance into vocational/technical schools or other institutions for further education and training. Students receive room and board, books, supplies, and a cash living allowance. The program offers vocational training; English-as-a-second-language (ESL); basic education; and instruction in personal hygiene, nutrition, positive work habits, social skills, parenting, intergroup relations, and constructive use of leisure time. Services are provided at one of Job Corps' 100-plus centers across the country. The program offers an individually paced education program that includes reading, mathematics, and GED and precollege preparation.

John Chowning, Education Specialist
Education and Enrollee Support Unit, Job Corps
Employment and Training Administration
U.S. Department of Labor
200 Constitution Avenue NW, Room N4507
Washington, DC 20210
(202) 219-5556/Fax: (202) 219-5183

Job Training Partnership Act (JTPA) State and Local Programs for Economically Disadvantaged Adults and Youth

State and local JTPA Programs, available in virtually every part of the country, prepare economically disadvantaged adults and youth to compete in the labor market. Depending on an individual participant's needs, a broad array of services are available through these programs, including vocational training, basic mathematics, and GED instruction. Activities include a special Summer Jobs Program for low-income youth. The summer program has an education component.

Josephine Nieves, Administrator
Office of Job Training Programs
Employment and Training Administration
U.S. Department of Labor
200 Constitution Avenue NW, Room N4469
Washington, DC 20210
(202) 219-6236/Fax: (202) 219-7190

U.S. Department of Transportation (DOT)

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on Federal Aviation Administration (FAA) aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Phillip S. Woodruff
Aviation Education Team Leader
Aviation Education Program (AHR-15)
Federal Aviation Administration
400 Seventh Street SW, Plaza 100
Washington, DC 20590
(202) 366-7018/Fax: (202) 366-3786

International Science Fair

The annual International Science Fair is the world's largest science fair. Administered by Science Service, Inc., the FAA supports this program by providing qualified judges and awards in the "Special Awards Program" area. The Special Awards Program is sponsored by scientific and engineering societies, Federal agencies, colleges and universities, and private industry.

Aviation Education Representative
Atlantic City International Airport
Human Resource Management Division
Atlantic City, NJ 32137
(609) 485-6032/Fax: (609) 485-4391

U.S. Environmental Protection Agency (EPA)

Environmental Education and Training Program

In September 1995, EPA entered into a cooperative agreement with a consortium of nonprofit organizations and academic institutions led by the North American Association for Environmental Education (NAAEE) to operate the second 3-year phase of a nationwide environmental education and training program. This program is authorized under section 5 of the National Environmental Education Act of 1990. The purpose of the program is to train education professionals to develop and deliver quality environmental education programs. The second phase of the program will focus on supporting and expanding existing quality training efforts; identifying, evaluating, and disseminating information on "model" education materials, teaching methods, and programs; and strengthening and expanding partnerships and networks. This effort will build upon the

work initiated by the National Consortium for Environmental Education and Training (NCEET) and led by the University of Michigan, which operated the program from 1992-1995.

Augusto Medina, Project Manager
NAAEE
1255 23rd Street NW, Suite 400
Washington, DC 20037
(202) 884-8788/Fax: (202) 884-8701

Kathleen MacKinnon, Project Officer
EPA Environmental Education Division (1707)
401 M Street SW
Washington, DC 20460
(202) 260-4951/Fax: (202) 260-4095

Environmental Education Grants Program

The purpose of the Environmental Education Grants Program is to stimulate environmental education by supporting projects to design, demonstrate, or disseminate new practices, methods, or techniques related to environmental education. Projects must demonstrate the potential for wide application and address a high-priority environmental issue. Only State and local agencies and nonprofit organizations or institutions are eligible to apply for grants; however, teachers may participate in the program through their school or another organization. Grants of less than \$25,000 are awarded by the regional offices, and inquiries should be directed to the appropriate region. Grants of \$25,000 to \$250,000 are awarded from the Washington, DC, office.

George Walker, Grants Specialist
Environmental Education Grants Program
Environmental Education Division
U.S. Environmental Protection Agency
401 M Street SW (1707)
Washington, DC 20460
(202) 260-8619

Environmental Resource Curricular Program

In the Environmental Resource Curricular Program, EPA, working with educators, sponsors the development of applied, minds-on, integrated teaching tools designed to fit within existing learning objectives. These innovative modules use case studies to explain scientific events. Students conduct the science activities and bridge the science into action at the community level.

Ron Slotkin, Program Manager
Office of Science, Planning, and Regulatory
Evaluation
U.S. Environmental Protection Agency
401 M Street SW (H-8105)
Washington, DC 20460
(202) 260-0578/Fax: (202) 260-0036

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

Doris Gillispie, Youth Program Coordinator
Environmental Education Division
U.S. Environmental Protection Agency
401 M Street SW (1707)
Washington, DC 20460
(202) 260-8749/Fax: (202) 260-0790

Progression Education Program (PEP)

Initiated in fiscal year 1992, 10 training cooperative agreements between educational institutions and EPA laboratories focused on career access and student preparation that may lead to employment in the environmental field. The agreements help to encourage minority students from high school, college, or graduate school to pursue advanced degrees in envi-

ronmental science. Tuition assistance and summer employment are provided. The program also produces targeted curriculum for use by such minority groups as Native Americans. In 1994-1995 the program will be open to competition, and educational institutions may apply through participating EPA/Office of Research and Development Laboratories.

Ron Slotkin, Program Manager
Office of Science, Planning, and Regulatory
Evaluation
U.S. Environmental Protection Agency
401 M Street SW (H-8105)
Washington, DC 20460
(202) 260-0578/Fax: (202) 260-0036

Project Air Information Resources for Education (A.I.R.E.)

In cooperation with the American Lung Association, the EPA Air and Radiation employees together with schools nationally are promoting awareness of air quality issues and science. Program volunteers visit classrooms and conduct demonstrations, talks, and interactive sessions about air pollution and the decision-making process involved in the making of EPA policy using science. Text is available.

Linda Zarro, Coordinator
Office of Air and Radiation
U.S. Environmental Protection Agency
401 M Street SW (6102)
Washington, DC 20460
(202) 260-6621

Public Information Centers (PICs)

Public Information Centers provide public access to information selected and maintained by the Federal Government on major ecological and environmental issues. The Centers offer publications, data, interactive computer workstations, theaters, and exhibits, although available services may vary from center to center. The PIC also has environmental education materials for K-12 students and teachers. A PIC is located within each of the 10 regional offices.

Public Information Center
U.S. Environmental Protection Agency
401 M Street SW (3404)
Washington, DC 20460
(202) 260-7751/Fax: (202) 260-2080

Water Employees Together With America's Youth Program

In cooperation with National Geographic, the Water Employees Together With America's Youth Program was launched to expand the National Geographic Awareness Week Program. Program volunteers visit classrooms and conduct demonstrations about water and other environmental issues.

Education Coordinator, Office of Water
U.S. Environmental Protection Agency
401 M Street SW (4102)
Washington, DC 20460
(202) 260-0599

National Aeronautics and Space Administration (NASA)

Aerospace Education Services Program (AESP)

AESP focuses on elementary and secondary school levels and uses NASA's mission to enhance the knowledge, skills, and experience of teachers to capture the interest of students and to channel that interest into related career paths. Teacher enhancement is NASA's highest priority in elementary and secondary education. NASA-AESP programs meet accepted teaching standards and expose teachers to curriculum standards including skills, attitudes, connections, and content. High-quality instructional materials and state-of-the-art educational research and technologies are used while highlighting both subject content and pedagogical skills. Teacher workshops use exemplary teaching practices in emphasizing the NASA mission as a common theme. AESP Specialists perform educational assemblies and classroom visits in schools where teacher workshops, school-sponsored and designed integrated thematic units, and NASA Aerospace Community Involvement Programs are being conducted.

Education Division, Code FE
NASA Headquarters
Washington, DC 20546-0001
(202) 358-1531

Community Involvement Program (CIP)

The Community Involvement Program is a unique, multidimensional service that seeks to involve not just schools, but service clubs, local government officials, and the private sector in a communitywide program that places special emphasis on the educational value of the Nation's aerospace program. CIPs are usually initiated at the request of a school administrator or State education official. Once a community has been selected, NASA officials and educators within the community meet to plan the program and its duration, which can range from 1 week to 1 month. Aerospace Education Services Program Specialists usually form the core of the program, with additional NASA personnel added as desired or needed. While no two CIPs are alike, a typical program includes many of the elements of an education specialist's visit in an expanded format; for example, comprehensive inservice workshops, community exhibits, student competitions, workshops, assemblies for both students and the general public, and other public events. Although CIPs are extremely well received and are in great demand, due to limited resources and the intensive nature of these programs, NASA conducts no more than four or five each year. Therefore, smaller school districts are encouraged to contact other school districts, or possibly a State education official, in an effort to widen the geographic area proposed for this program.

Education Division, Code FE
NASA Headquarters
Washington, DC 20546-0001
(202) 358-1531

Educational Horizons

The newsletter *Educational Horizons* is NASA's triannual publication for educators. Each issue features information about upcoming Shuttle missions, updates on space science and aeronautics research, and information about NASA's Education Program. The newsletter is free by subscription to educators and announces the latest educational publications available from NASA.

NASA Headquarters
Educational Horizons
Code FE
Washington, DC 20546-0001
(202) 358-1533

MATHCOUNTS

MATHCOUNTS is an annual mathematics competition for 7th- and 8th-grade students that brings a number of organizations together in a cooperative effort to promote and reward excellence in mathematics. Competition begins at the local level and culminates in a national competition. NASA sponsors a week-long trip to the U.S. Space Camp for individual and team winners of the national competition, and awards a 3-day mathematics workshop at a NASA Field Center to the top eight coaches in the national competition.

MATHCOUNTS
1420 King Street
Alexandria, VA 22314
(703) 684-2928

NASA Educational Workshops for Elementary School Teachers (NEWEST)

NEWEST provides a 2-week workshop (graduate credit optional) to elementary school teachers (grades K-6) at a NASA Field Center. The teachers participate in seminars conducted by NASA scientists and engineers, learn about current research and projects, and are provided with techniques to assist them in incorporating aerospace-related topics into their curricula. Participants receive a variety of educational materials to take back to their classrooms. The application deadline is mid-February, with selection in mid-April.

National Science Teachers Association
NEWEST Program
1840 Wilson Boulevard
Arlington, VA 22201-3000
(703) 243-7100

NASA Educational Workshops for Math, Science, and Technology Teachers (NEWMAST)

NEWMAST provides mathematics, science, and technology teachers (grades 7-12) a 2-week inservice workshop (graduate credit optional) at a NASA Field Center. Participants observe state-of-the-art research and development activities, interact with NASA scientists and engineers, and receive a variety of educational materials to share with their peers and students. The application deadline is mid-February with selection in mid-April.

National Science Teachers Association
NEWMAST Program
1840 Wilson Boulevard
Arlington, VA 22201-3000
(703) 243-7100

NASA Spacelink

NASA Spacelink is a computer information service that allows individuals to receive news about current NASA programs, activities, and other space-related information, including historical and astronaut data, lesson plans, classroom activities, and even entire publications. Although primarily intended as a resource for teachers, anyone with a personal computer and a modem can access the network. The Spacelink computer access number is (202) 895-0028. Users need a computer, modem, communications software, and a long-distance telephone line to access Spacelink. It is also available through the Internet, a worldwide computer network connecting a large number of educational institutions and research facilities. Callers with World Wide Web or telnet access may reach NASA Spacelink at any of the following addresses:

<<http://spacelink.msfc.nasa.gov>>
<spacelink.msfc.nasa.gov>
<192.149.89.61>

NASA Spacelink Administrator
Code CLOI
NASA Marshall Space Flight Center
Huntsville, AL 35812-0001
(205) 961-1225

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Education Division
Code FE
NASA Headquarters
Washington, DC 20546-0001
(202) 358-1518

NASA Teacher Resource Center Network (TRCN)

Teachers can enhance their existing curriculum through information that is generated by NASA programs, technologies, and discoveries. Although NASA educational materials relate primarily to mathematics, science, and technology, they can be valuable curriculum supplements for all subjects. To disseminate materials to elementary educators, secondary educators, and higher education faculty, the NASA Education Division has established the NASA Teacher Resource Center Network. TRCN is composed of Teacher Resource Centers, Regional Teacher Resource Centers, and the NASA Central Operation of Resources for Educators.

Education Division
Code FE
NASA Headquarters
Washington, DC 20546-0001
(202) 358-1518

NASA Television

NASA Television is the Agency's distribution system for live and taped programs. It offers the public a front-row seat for launches and missions, as well as informational and educational programming, historical documentaries, and updates on the latest developments in aeronautics and space science. The educational programming is aimed at inspiring students to achieve, especially in science, mathematics, and technology. If your school's cable system carries NASA TV or if your school has access to a satellite dish, the programs may be downlinked and videotaped. Daily and monthly programming schedules for NASA Television are also available via NASA Spacelink. NASA Television is transmitted on Spacenet 2 (a C-band satellite) on transponder 5, channel 9, 69 degrees west longitude, frequency 3880.0 megahertz, horizontal polarization, audio on 6.8 mHz.

NASA Television
Code P-Z
NASA Headquarters
300 E Street SW
Washington, DC 20546
(202) 358-3572

Satellite Videoconferences

The "NASA...On the Cutting Edge" education videoconference series offers teachers and students opportunities for live, interactive dialog—by telephone and via NASA Spacelink—with NASA scientists. Conferences highlight current NASA research and technology. Participation is free. Register via mail, telephone, or e-mail.

NASA...On the Cutting Edge
NASA Teaching from Space Program
Oklahoma State University
308 CITD, Room A
Stillwater, OK 74078-8089
(405) 744-6784/Fax: (405) 744-6785
E-mail: NasaEduTV@smtpgate.osu.hq.nasa.gov

Science and Engineering Fairs

To stimulate interest in aeronautics and aerospace sciences among secondary school students, NASA participates in the science fairs administered by Science Services. NASA recognizes students with outstanding projects in aeronautics, space sciences, mathematics, space technology, and applications. Participation in NASA's award program must be requested by fair directors, and NASA depends on individual science and engineering fair judges to select recipients of NASA certificates. NASA's own team of judges attends the international fair and selects 10 students to receive an educational trip, accompanied by their teachers, to a NASA Field Center.

Science Service
1719 N Street NW
Washington, DC 20036
(202) 785-2255

Shuttle Amateur Radio Experiment (SAREX)

With the help of Amateur Radio clubs and ham operators, astronauts on designated shuttle flights make radio contacts while in orbit. The astronauts talk directly with teachers, parents, and communities. The American Radio Relay League, the Radio Amateur Satellite Corporation, and NASA's Education Division sponsor this shuttle experiment. The American Radio Relay League can provide educators with lesson plans and resource materials.

American Radio Relay League (ARRL)
225 Main Street
Newington, CT 06111
(860) 594-0200

Space Science Student Involvement Program (SSIP)

SSIP is an annual program that allows students to compete in diverse areas related to space exploration, including the arts and sciences. While the program culminates in a national competition, it has been designed to be used within the context of existing curricula. SSIP has five multidimensional program elements within which students may compete: one for grades 3-12; one for grades 3-5; one for grades 6-8; and two for grades 9-12. Public or private school students are eligible to apply.

National Science Teachers Association
SSIP Program
1840 Wilson Boulevard
Arlington, VA 22201-3000
(703) 243-7100

Summer High School Apprenticeship Research Program (SHARP) Plus

SHARP Plus is a research-based mentor program that is the residential analog of the NASA Summer High School Apprenticeship Research Program. SHARP Plus research experiences occur in industry or in laboratories at universities that host SHARP Plus students on their campuses. The objective of the SHARP Plus Program is to increase underrepresented students' participation and success rates in mathematics and science precollege courses, thereby increasing the pool of underrepresented mathematics, science, and engineering majors in college, and hence the number of underrepresented professionals available for the workplace. SHARP Plus offers a select group of 300 rising, underrepresented 11th- and 12th-grade students, who have aptitude and interest in science and engineering, with the opportunity to participate in an intensive 8-week residential mentor-based research experience.

Education Division, Code FE
NASA Headquarters
Washington, DC 20546-0001
(202) 358-1540

Urban Community Enrichment Program (UCEP)

The Urban Community Enrichment Program exposes teachers and middle school students from urban communities to interesting and broadening activities. Special emphasis is placed on communication, logic, and reasoning skills that are curriculum based. Major activities include lectures, demonstrations, and structured classroom activities highlighting the various sciences that supplement the ongoing curriculum. In addition, workshops and other activities are offered to school personnel. Technical and logistical assistance are supplied by the NASA UCEP Coordinator. In preparation for the program, NASA Aerospace Education Specialists train core teachers as a team to conduct interdisciplinary aerospace activities in school districts.

Education Division, Code FE
NASA Headquarters
Washington, DC 20546-0001
(202) 358-1531

National Science Foundation (NSF)

Advanced Technological Education (ATE)

The ATE program promotes exemplary improvement in advanced education through support of curriculum development and program improvement. The program targets technicians being educated for the high-performance workplace of advanced technologies. Such technicians normally earn an associate degree in engineering or science technology that qualifies them for immediate employment or for transfer to a 4-year institution. Because of the nature of advanced technological education programs, where appropriate, projects should build on alliances of associate degree-granting institutions with 4-year colleges and universities, secondary schools, business, industry, and government. The program supports National/Regional Centers of Excellence in Advanced Technological Education; projects for the development of instructional materials and curriculum; instrumentation and laboratory improvement;

technical experiences for students and faculty and teacher development; and special projects such as conferences and studies that will improve understanding of issues in advanced technological education. ATE centers and projects will result in major improvements in advanced technological education, serve as models for other institutions, strengthen student preparation in mathematics and science, and yield educational products for national dissemination. All projects must have a vision for technician education that is used to guide project development. The ATE program is jointly managed by the Division of Undergraduate Education (DUE) and the Division of Elementary, Secondary, and Informal Education (ESIE).

Advanced Technological Education
Directorate for Education and Human Resources
Division of Undergraduate Education
National Science Foundation
4201 Arlington Boulevard, Suite 835
Arlington, VA 22230
(703) 306-1668

Collaboratives for Excellence in Teacher Preparation Program

The Collaboratives for Excellence in Teacher Preparation Program supports projects aimed at major changes in approaches to the undergraduate preparation of future teachers of elementary and secondary science and mathematics. This includes development of new institutional structures, the production of creative materials, courses and curricula for teacher education, and research on factors affecting the recruitment and preparation of teachers. Projects demonstrate leadership by the scientific discipline departments and emphasize a solid foundation in science or mathematics and rigorous attention to effective teacher practices, including the use of advanced instructional technologies. Special interests include multidisciplinary projects and initiatives for recruiting members of underrepresented groups into the teaching profession. Collaborations among scientists, science educators, teachers, and other educational leaders, within and among institutions of higher education and school systems, are encouraged in the planning and implementation of projects. Colleges and universities or their consortia that have the capacity to prepare significant numbers of highly qualified teachers are eligible to submit proposals. In addition, proposals for teacher preparation that are smaller in scale and more focused than a collabora-

tive are welcome in other programs in the Division of Undergraduate Education, as appropriate. These programs support course and curriculum development, undergraduate faculty enhancement activities, and laboratory equipment. Projects may support courses in which prospective teachers are all or part of the preservice audience. Special interests parallel those of the Collaborative program.

Teacher Preparation Program
Division of Undergraduate Education
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
(703) 306-1668

Comprehensive Partnerships for Minority Student Achievement Program

The Comprehensive Partnerships for Minority Student Achievement Program supports comprehensive precollege education reform programs targeted at school systems having significant minority student populations. City and county school systems, which are the units of change, are expected to link with institutions of higher education, businesses, professional organizations, community-based, and other educational organizations in the design and implementation of in-school student and teacher enhancement activities and informal education efforts. The program's goals are to improve student achievement in mathematics and science courses, to enhance teacher knowledge and skills, and to expand student interest in science, mathematics, and technology as career choices. Academic institutions and nonprofit organizations are eligible to apply for funding through this program.

Comprehensive Partnerships for Minority Student Achievement Program
Division of Human Resource Development
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
(703) 306-1633

Informal Science Education Program

The Informal Science Education Program supports projects to provide rich and stimulating environments outside of school where individuals of all ages, interests, and backgrounds can increase their appreciation and understanding of science, mathematics, and technology. Projects, developed by museums

and science centers, the media, the community and youth organizations, are designed to have the potential for significant regional or national impact. The program is particularly interested in (1) increasing the number of underrepresented youth (e.g., minorities, females, the physically disabled) pursuing science, mathematics, and technology (SMT) activities both in and out of school; (2) establishing linkages between formal and informal education that result in creative and improved learning environments; (3) stimulating parents' support of their children's SMT education and their own role as effective advocates for quality SMT education; and (4) bringing informal science opportunities to underserved rural and inner-city areas. Proposals are accepted from any organization having a scientific or educational mission.

Informal Science Education Program
Division of Elementary, Secondary, and Informal Education
National Science Foundation
4201 Wilson Boulevard, Suite 885
Arlington, VA 22230
(703) 306-1616

Instructional Materials Development Program

The Instructional Materials Development Program supports development of an innovative, comprehensive, and diverse portfolio of materials, prekindergarten through grade 12, which implement standards-based reform in science, mathematics, and technology education and lead to development of thinking skills and problem-solving abilities. Materials, designed for the success of all students, are based on the latest research reflecting how students learn most effectively, and incorporate state-of-the-art instructional technologies and appropriate assessment strategies. Supported projects are expected to have dissemination plans that lead to adoption and utilization in school both nationally and internationally. Any organization with a scientific or educational mission may submit proposals to this program.

Instructional Materials Development Program
Division of Elementary, Secondary, and Informal Education
National Science Foundation
4201 Wilson Boulevard, Suite 885
Arlington, VA 22230
(703) 306-1614

Presidential Awards for Excellence in Science and Mathematics Teaching Program

The Presidential Awards for Excellence in Science and Mathematics Teaching Program provides national recognition to outstanding teachers in science and mathematics. Each year, two mathematics teachers and two science teachers at the elementary, middle, and secondary school levels are selected from each State and each of the four jurisdictions. State finalists receive a cash award; national finalists receive discretionary funds and materials to improve science, mathematics, or technology education at their home institution, as well as attend special activities in Washington, DC, which promote professional interactions. Eligible teachers include those whose primary responsibility is classroom teaching of science, mathematics, or technology in public or private schools. Applicants must have a minimum of 5 years' experience and intend to continue teaching over the next 2 years. Teachers may be nominated by administrators, students, or parents.

Presidential Awards for Excellence in Science and Mathematics Teaching Program
Division of Elementary, Secondary, and Informal Education
National Science Foundation
4201 Wilson Boulevard, Suite 885
Arlington, VA 22230
(703) 306-1613

Programs for Persons With Disabilities

NSF Programs for Persons With Disabilities have recently been expanded and are committed to bringing about change in academic and professional climates, developing new methods of teaching science and mathematics, increasing the awareness and recognition of the needs and capabilities of students with disabilities, promoting the accessibility and appropriateness of instructional materials and educational technologies, and increasing the availability of mentoring resources. Though the Foundation encourages persons with disabilities to participate fully in NSF-supported programs, its Human Resource Division has initiated efforts focused on (1) eliminating barriers to the participation of students with disabilities in science, engineering, and mathematics studies; (2) changing the attitudes of the education community and the public in general about the potential of persons with disabilities; and (3) offering

National Science Foundation (NSF)

aid for adaptive technologies and assistance to allow students, scientists, engineers, and mathematicians to participate in NSF-supported research.

Programs for Persons With Disabilities
Division of Human Resource Development
Directorate for Education and Human Resources
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
(703) 306-1637

Programs for Women and Girls

The goal of the Programs for Women and Girls is to elicit projects that have high potential for effecting both short- and long-term changes in the representation of women in science, engineering, and mathematics careers, and in the overall science, engineering, and mathematics education of women and girls. Efforts involved in the initiative address educational issues from preschool through the graduate level, as well as professional issues. Three programs—Model Projects, Experimental Projects, and Information Dissemination Activities for Women and Girls—accomplish this goal.

Programs for Women and Girls
Division of Human Resource Development
Directorate for Education and Human Resources
National Science Foundation
4201 Wilson Boulevard
Arlington, VA 22230
(703) 306-1637

Rural Systemic Initiatives (RSI) Program

The Rural Systemic Initiatives Program is an NSF effort to address barriers to systemic and sustainable improvements in science, mathematics, and technology education in rural, economically disadvantaged regions of the Nation. RSI is designed to fund projects from coalitions in regions defined by similarities in social, cultural, and economic circumstances, rather than by governmental boundaries. The program supports activities that lead to the formation of partnerships and coalitions; determination of present needs and resources and of future educational goals and implementation of strategies directed toward systemic educational reform, such as professional development for teachers and administrators that is aligned with national science and mathematics standards; adaptation of high quality, challenging curricula to address cultural diversity;

and formulation of appropriate assessment strategies that can measure gains in achievement for all students, regardless of socioeconomic status.

Rural Systemic Initiatives
Division of Educational System Reform
National Science Foundation
4201 Wilson Boulevard, Suite 875
Arlington, VA 22230
(703) 306-1684

Statewide Systemic Initiatives (SSI) Program

The Statewide Systemic Initiatives Program is a major NSF effort to encourage improvements in science, mathematics, and engineering education through comprehensive systemic changes in the education systems for the States. The program represents a strategy to strengthen the infrastructure for science and mathematics education through alignment of State policies and resources. This effort requires the collaboration of educators at all levels, business and industry, parents, and the community at large. States were selected for funding through a rigorous merit review process that included preliminary proposals, panel reviews of full proposals, and site visits. Selection was based on (1) State commitment to fundamental reform of mathematics and science education; (2) new directions in State vision for mathematics and science education that includes curriculum goals, assessment, teacher development, equity, governance, and improved outcomes; (3) consensus on the current status of science and mathematics education and on the identification of the most serious problems that need to be addressed; (4) partnerships that enable the effort to succeed; (5) a plan for effective management and oversight; and (6) an evaluation plan that encourages mid-course corrections. Twenty-five States and Puerto Rico received 5-year awards.

Statewide Systemic Initiatives Program
Division of Educational System Reform
National Science Foundation
4201 Wilson Boulevard, Suite 875
Arlington, VA 22230
(703) 306-1684/Fax: (703) 306-0456

Teacher Enhancement Program

The Teacher Enhancement Program supports the development of effective approaches and creative materials for the continuing education of elementary,

middle, and secondary school teachers of mathematics, science, and technology. Successful projects provide intensive training and followup activities during the academic year that result in strengthening both content knowledge and pedagogical skills. Projects are also expected to utilize the most effective instructional materials, assessment strategies, and educational technologies. The program places emphasis on projects to implement systemic change of science and mathematics education through the professional development of teachers in entire school districts for grades K-8 and of mathematics grades 7-12. Organizations having scientific or educational missions may submit a proposal.

Teacher Enhancement Program
Division of Elementary, Secondary, and Informal
Education
National Science Foundation
4201 Wilson Boulevard, Suite 885
Arlington, VA 22230
(703) 306-1613

Urban Systemic Initiatives (USI) Program

The Urban Systemic Initiatives Program in science, mathematics, and technology education is a comprehensive and systemic effort designed to enable fundamental reform of K-12 science and mathematics education in large urban school systems. Eligibility for the program is limited to school systems in the 25 cities having the largest numbers of school-aged children (ages 5-17) living in poverty as determined by the 1990 Census. Built upon experience gained from the Statewide Systemic Initiatives (SSI) program and the Comprehensive Regional Centers for Minorities (CRCM), the program provides significant support for 5 years to cities that have completed comprehensive planning and demonstrate readiness to make systemic and sustainable changes in the policies, practices, and procedures of urban school systems. At present, 16 of the eligible cities have received awards.

Urban Systemic Initiatives Program
Division of Educational System Reform
National Science Foundation
4201 Wilson Boulevard, Suite 875
Arlington, VA 22230
(703) 306-1684

Young Scholars Program

The Young Scholars Program is designed to excite students entering grades 7-12 about science, mathematics, and technology, and to encourage them to investigate and pursue careers in these fields. The program emphasizes student participation in the process of scientific discovery through interaction with practicing scientists in the laboratory and in the field. Projects offer a combination of research and problem-solving activities, along with discussions of career preparation and science ethics. Proposals may be submitted by colleges or universities or their associations or consortia, scientific or professional societies whose members are primarily university faculty or researchers, and for-profit industries or other organizations that are engaged in significant advanced research efforts and have experience interacting with students.

Young Scholars Program
Division of Elementary, Secondary, and Informal
Education
National Science Foundation
4201 Wilson Boulevard, Suite 885
Arlington, VA 22230
(703) 306-1615

Smithsonian Institution

National Science Resources Center's (NSRC) Resource Collection

The National Science Resources Center maintains a comprehensive and growing collection of effective science-teaching resource materials. Housed at the Arts and Industries Building of the Smithsonian Institution, the collection holds more than 5,000 volumes. The resource collection is cataloged and accessible through computerized information databases that include annotations as well as bibliographic data. The Resource Center has also produced an annotated guide to elementary science resources, *Science for Children: Resources for Teachers*. The completely revised and updated second edition is available under a new title, *Resources for Teaching Elementary School Science*. A companion volume for middle schools is also under development.

Douglas Lapp, Executive Director
National Science Resources Center
MRC 403
Smithsonian Institution
Washington, DC 20560
(202) 357-2555/Fax: (202) 786-2028

NSRC Elementary Science Leadership Institutes

Each summer the National Science Resources Center (NSRC) conducts two Elementary Science Leadership Institutes at the Smithsonian Institution. These Institutes provide teams of administrators, curriculum specialists, teachers, and scientists from school districts across the country with the information and skills they need to develop and maintain effective hands-on elementary science programs. The Institutes are staffed by science educators and scientists who have implemented exemplary elementary science programs in their districts. This Initiative includes technical assistance to school districts across the country that are working to reform their elementary science programs.

Douglas Lapp, Executive Director
National Science Resources Center
MRC 403
Smithsonian Institution
Washington, DC 20560
(202) 357-2555/Fax: (202) 786-2028

The Private Universe Project

The Private Universe Project is developing a six-part nationally broadcast television series to help science teachers address student preconceptions in science. The 3-year project, funded in 1992, focuses on grades K-12. The series is derived from work pioneered in Project STAR: Science Teaching through its Astronomical Roots, and is an extension of that project's award-winning video, "A Private Universe." The project will alert science teachers to problems posed by their students' preconceived ideas and will encourage them to devise solutions tailored to students' specific needs.

Nancy Finkelstein
60 Garden Street, Mail Stop 71
Cambridge, MA 02138
(617) 496-7687/Fax: (617) 496-7670

Professional Development Opportunities for Teachers

Regional workshops and summer institutes are designed to strengthen ties between museums and schools nationwide and to contribute to the improvement of teaching methods and materials.

Brinton Ramsey
Office of Elementary and Secondary Education
Smithsonian Institution
Arts and Industries Building, Room 1163
Washington, DC 20560
(202) 357-2624/4542/Fax: (202) 357-2116

Project SPICA: Support Program for Instructional Competency in Astronomy

Project SPICA provides astronomy education support to precollege teachers, particularly in grades K-9. The project has prepared some 180 expert teachers in 41 States to provide workshops to other teachers who want to enhance their use of astronomy in their classrooms. The SPICA agents may be contacted through the project office listed below. In addition, a manual containing 37 astronomy activities for grades 2-12, *Project SPICA: A Teacher Resource to Enhance Astronomy Education*, is available from Kendall/Hunt Publishing Company.

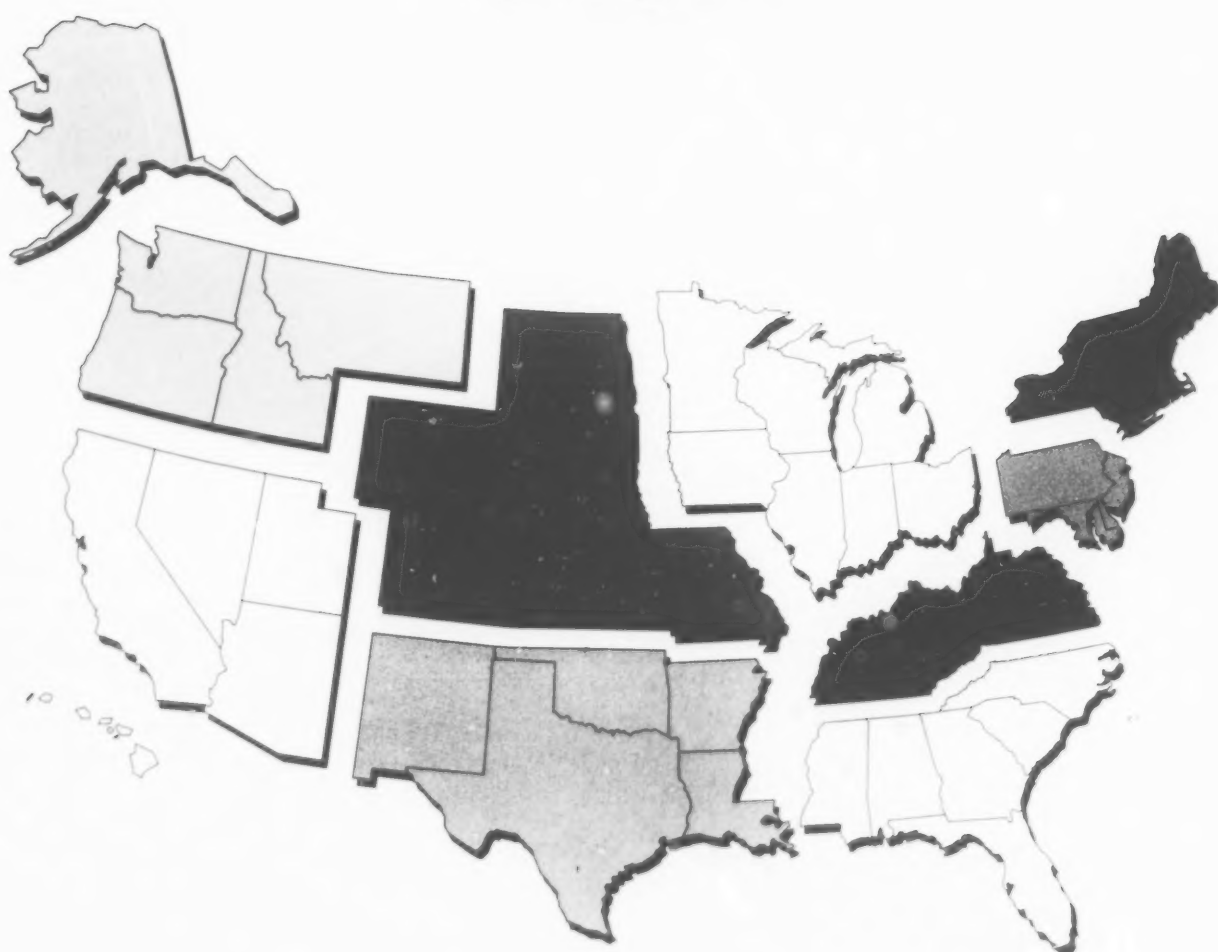
Judith Peritz
Harvard-Smithsonian Center for Astrophysics
60 Garden Street, MS71
Cambridge, MA 02138
(617) 496-4785/Fax: (617) 496-5405

Smithsonian Institution Student Programs

The Office of Elementary and Secondary Education (OESE) each year conducts an internship program for graduating high school seniors. Young people from across the country spend 6 weeks working and learning under the guidance of Smithsonian scientists and other experts.

Bruce Underwood
Office of Elementary and Secondary Education
Smithsonian Institution
Arts and Industry Building, Room 1163
Washington, DC 20560
(202) 357-2425/4542/Fax: (202) 357-2116

State Highlights by Region



Appalachia

Areas Served:

**Kentucky,
Tennessee,
Virginia, and
West Virginia**



Eisenhower Regional Consortium for Math and Science at AEL

The Eisenhower Regional Consortium for Mathematics and Science Education at AEL promotes and supports systemic reform in mathematics and science education in Kentucky, Tennessee, Virginia, and West Virginia. The Consortium builds on existing resources and creates partnerships that cut across State boundaries to link public schools, private schools, State and local education agencies, business and industry, science museums, and higher education institutions. Funded by the Eisenhower National Program for Mathematics and Science Education, the Consortium is 1 in a national network of 10 Consortia located across the country. The network also includes the Eisenhower National Clearinghouse at The Ohio State University.

The Consortium's support for systemic reform in mathematics and science education includes teams of trainers in each State, who are providing free, on-site training designed to help align classroom instruction with national standards and State-specific curriculum frameworks.

By working closely with the Region's mathematics and science educators, the Consortium's full range of services can be tailored to State initiatives. A regional board and four State steering committees help align Consortium activities with local needs and with needs common across the Region.

The Consortium provides:

- Information on mathematics and science education reform, exemplary practices, standards-based activities, and the Eisenhower National Clearinghouse for Mathematics and Science Education.
- Professional development for K-12 teachers on the national education standards in mathematics and science, State curriculum frameworks, and instructional technology.
- Assistance to State departments of education in developing standards-based curriculum frameworks.

- Opportunities for networking and collaboration for mathematics and science education stakeholders in the four-State Region.
- Technical assistance and instructional materials to schools through projects and programs recommended by State steering committees and state departments of education.
- Connections to the National Science Foundation's Appalachian Rural Systemic Initiative, operating in 66 counties across six States.

An Equity Minigrant Program sponsored by the Consortium helps classroom teachers increase opportunities for all students in the Region to attain a higher level of mathematics and science education. Grants of up to \$750 are available each year for projects designed to increase access to mathematics and science for students from traditionally underrepresented groups, including women, students with learning disabilities, students from rural areas, students from racial/ethnic/cultural minorities, students with physical disabilities, and students at risk for academic failure.

Equity minigrants can be used for various projects. For example, teachers might want to purchase materials to enhance the curriculum, bring scientists and mathematicians from traditionally underrepresented groups into classrooms to develop linkages or mentoring programs for students, provide research experiences for students from traditionally underrepresented groups, or develop school-based programs geared to increasing traditionally underserved students' interest and skills in science and mathematics.

The Consortium provides information on professional development opportunities at school sites; a newsletter entitled *Charmed Particles*; copies of EDTALK's *What We Know About Mathematics Teaching and Learning* and *What We Know About Science Teaching and Learning*; a proposal-writing guide entitled *Increasing Student Access to Mathematics and Science: A*

Guide for Classroom Equity Projects; a set of classroom lessons entitled *Scope It Out: Standards-Based Microscope Lessons for the Middle School*; and catalogs of Appalachia Educational Laboratory products.

Dr. Pamela K. Buckley, Director
Dr. Arlene Hambrick, Senior Manager
Jamie Foster, Mathematics Specialist
Janis Augustine, Project Coordinator
Kim Suiter, Secretary
Sara Marchio, Secretary

Eisenhower Regional Consortium for Mathematics
and Science Education at AEL

Mailing: P.O. Box 1348

Charleston, WV 25325-1348

Shipping: 1031 Quarrier Street

Charleston, WV 25301-2314

(304) 347-0400/Fax: (304) 347-1888

(800) 624-9120

E-mail: aelinfo@ael.org

WWW: <http://www.ael.org>

Kentucky

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Sylvester C. Umscheld
Assistant Extension Director for 4-H
University of Kentucky
209 Scovell Hall
Lexington, KY 40546-0064
(606) 257-5605

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Faye Lowe
Kentucky Farm Bureau
9201 Bunsen Parkway
Louisville, KY 40250-0700
(502) 495-5000/Fax: (502) 853-4114

Rayetta Boone
Department of Agriculture
500 Mero Street, Seventh Floor
Frankfort, KY 40602
(502) 564-4696/Fax: (502) 564-6527

Department of Education (ED)

Appalachia Educational Laboratory, Inc. (AEL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director
Appalachia Educational Laboratory, Inc.
1031 Quarrier Street, P.O. Box 1348
Charleston, WV 25325
(304) 347-0400/Fax: (304) 347-0489
(800) 624-9120

Eisenhower Regional Consortium for Mathematics and Science Education at AEL

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director
Eisenhower Regional Consortium for Mathematics
and Science Education at AEL
1031 Quarrier Street, P.O. Box 1348
Charleston, WV 25325
(304) 347-0400/Fax: (304) 347-1888
(800) 624-9120

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

John C. Drake
Eisenhower Professional Development Program
Kentucky Department of Education
Capitol Plaza Tower, 17th Floor
Frankfort, KY 40601
(502) 564-3791/Fax: (502) 564-6721

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Wendell Cave
Eisenhower Professional Development Program
Kentucky Council on Higher Education
1024 Capitol Center Drive, Suite 320
Frankfort, KY 40601-8204
(502) 573-1555/Fax: (502) 573-1535

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Mammoth Cave National Park

Mammoth Cave National Park offers both surface and cave activities that focus on geology and natural history, as well as spring and fall teacher workshops, teacher guides, previsit materials, and guided tours.

Division of Interpretation
Mammoth Cave National Park
Mammoth Cave, KY 42259
(502) 758-2251

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Laura Lang, Project WILD Coordinator
Kentucky Department of Fish and Wildlife Resources, D.N.R.
#1 Game Farm Road
Frankfort, KY 40601
(502) 564-4762/Fax: (502) 564-6508

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Margaret Whittet, Commissioner
Department of Employment Services
Kentucky Cabinet for Human Resources
275 East Main Street, Two-West
Frankfort, KY 40621
(502) 564-5331/Fax: (502) 564-7452

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Michael Rowland
Shawnee Aviation High School
4018 West Market Street
Louisville, KY 40212
(502) 473-8689

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-

paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Marchelle Canright
Center Education Program Officer
NASA Langley Research Center
Mail Stop 400
Hampton, VA 23681-0001
(804) 864-3313

NASA Teacher Resource Center

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Virginia Air and Space Center
NASA Teacher Resource Center
600 Settler's Landing Road
Hampton, VA 23669-4033
(804) 727-0900, ext. 757

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Murray State University
NASA Regional Teacher Resource Center
Waterfield Library
Murray, KY 42071-0009
(502) 762-2850

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service:

Kentucky Space Grant Consortium
Western Kentucky University
Department of Physics and Astronomy
Bowling Green, KY 42101-3576
(502) 745-4156

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Kentucky's Statewide Systemic Initiatives Program works in conjunction with the Department of Education and the Kentucky Science and Technology Council, Inc., to help students acquire conceptual knowledge, process and thinking skills, and scientific habits. Increasing the number of students who enter science- and technology-related careers is also a major concern.

Michael Howard
PRISM Project Director
Kentucky Science and Technology Council, Inc.
P.O. Box 1049
Lexington, KY 40588-1049
(606) 233-3502/Fax: (606) 259-0986

Tennessee

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Ben T. Powell
Professor and 4-H Club Leader
University of Tennessee
4-H Club Department
P.O. Box 1071
Knoxville, TN 37901-1071
(617) 974-7434

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Bobby Beets
Tennessee Farm Bureau
P.O. Box 313
Columbia, TN 38402-0313
(615) 388-7872/Fax: (615) 388-5818

Department of Education (ED)

Appalachia Educational Laboratory, Inc. (AEL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director
Appalachia Educational Laboratory, Inc.
1031 Quarrier Street, P.O. Box 1348
Charleston, WV 25325
(304) 347-0400/Fax: (304) 347-0489
(800) 624-9120

Eisenhower Regional Consortium for Mathematics and Science Education at AEL

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director
Eisenhower Regional Consortium for Mathematics and Science Education at AEL
1031 Quarrier Street, P.O. Box 1348
Charleston, WV 25325
(304) 347-0400/Fax: (304) 347-1888
(800) 624-9120

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Barbara Adkisson
Director, Developmental Programs
Eisenhower Professional Development Program
Tennessee Department of Education
Gateway Plaza, 8th Floor
710 James Robertson Parkway
Nashville, TN 37243-0379
(615) 532-6247/Fax: (615) 532-8536

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Mattielyn B. Williams, Director
Legal and Educational Services
Eisenhower Professional Development Program
Tennessee Higher Education Commission
404 James Robertson Parkway, Suite 1900
Nashville, TN 37243-0830
(615) 532-8017

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

Department of Energy (DOE)

Oak Ridge Institute for Science and Education

In addition to school partnership programs, the Oak Ridge Institute For Science and Education provides student internship opportunities, research participation, teacher workshops, and summer programs for students.

Wayne Stevenson
Assistant Director
Oak Ridge Institute for Science and Education
Science/Engineering Education Division
P.O. Box 117
Oak Ridge, TN 37831-0117
(423) 576-3283/Fax: (423) 241-5219
E-mail: stevensw@orau.gov

Oak Ridge National Laboratory

Oak Ridge National Laboratory offers student science enrichment and teacher professional development both onsite and in schools, with a special focus on computer networking and communications.

Linda Cain, Director
Oak Ridge National Laboratory
Office of Science Education and External Relations
105 Mitchell Road, Mailstop 6496, P.O. Box 2008
Oak Ridge, TN 37831-6496
(423) 576-3886/Fax: (423) 241-6776
E-mail: 9lc@ornl.gov

Oak Ridge Operations Office

The Oak Ridge Operations Office provides outreach programs to local precollege schools, conducts environmental education activities, and provides information about regional programs.

Greg Mills, Education Coordinator
DOE Oak Ridge Operations Office
ORNL Site Office, ER-111
Oak Ridge National Laboratory
Building 4500 North, MS 6269
P.O. Box 2008
Oak Ridge, TN 37831
(423) 576-0951/Fax: (423) 574-9275
E-mail: millsga@ornl.gov

Department of the Interior (DOI)

Big South Fork National River

Programs at the Big South Fork National River include guided nature walks, environmental camps for high school students, and teacher workshops.

Division of Interpretation
Big South Fork National River
Route 3, Box 401
Oneida, TN 37841
(615) 879-4890

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Great Smoky Mountains National Park

Guided walks, lectures, and other activities offered by the Great Smoky Mountains National Park promote environmental education.

Division of Interpretation
Great Smoky Mountains National Park
Gatlinburg, TN 37738
(615) 436-1200

Obed Wild and Scenic River

At Obed Wild and Scenic River programs include guided nature tours and other environmental education activities.

Division of Interpretation
Obed Wild and Scenic River
Wartburg, TN 37887
(615) 346-6294

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Karen Hanna, Project WILD Coordinator
Tennessee Department of Education
Gateway Plaza, 8th Floor
710 James Robertson Parkway
Nashville, TN 37243-0379
(615) 532-6249/Fax: (615) 741-6236

Deborah Patton, Project WILD Coordinator
Tennessee Wildlife Resources
P.O. Box 40747
Nashville, TN 37204
(615) 781-6500/Fax: (615) 741-4606

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

James R. White, Commissioner
Tennessee Department of Labor
501 Union Building
Nashville, TN 37219
(615) 741-2582/Fax: (615) 741-5078

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this

1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepares them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for FAA educational materials and resources. The Resource Centers maintain and provide quantities of printed

materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Wallace R. Maples, Chairman
Aviation Education Resource Center
Middle Tennessee State University
Aerospace Department
East Main Street, P.O. Box 67 MTSU
Murfreesboro, TN 37132
(615) 898-2788

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth

organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Acting Director
Education Programs Office
Mail Code CL01
NASA Marshall Space Flight Center
Huntsville, AL 35812-0001
(205) 544-8800

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center
NASA Teacher Resource Center for
Marshall Space Flight Center
P.O. Box 070015
Huntsville, AL 35807-7015
(205) 544-5812

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Tennessee at Martin
NASA Regional Teacher Resource Center
Center for Excellence in Mathematics and Science
Martin, TN 38238-5029
(901) 587-7191/7166

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Tennessee Space Grant Consortium
Vanderbilt University
Department of Mechanical Engineering
Box 1617, Station B
Nashville, TN 37235
(615) 322-2764

Virginia

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at

land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. J. David Barrett
Assistant Director, 4-H Youth
VPI and State University
107 Hutcheson Hall
Blacksburg, VA 24061-0419
(703) 231-6371

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Michele Awad
Virginia Farm Bureau Federation
P.O. Box 27552
Richmond, VA 23261

Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education,
and Extension Service
Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Department of Commerce (DOC)

Chesapeake Bay National Estuarine Research Reserve

Estuarine ecology programs are offered for all grade levels at the Chesapeake Bay National Estuarine Research Reserve. Reservations are required.

Virginia

David Niebuhr, Education Coordinator
Chesapeake Bay National Estuarine
Research Reserve
Virginia Institute of Marine Science
Route 1308, P.O. Box 1346
Gloucester Point, VA 23062
(804) 642-7135/Fax: (804) 642-7120

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall
Delaware Sea Grant
700 Pilottown Road
Lewes, DE 19958
(302) 645-4253/Fax: (302) 645-4007

Department of Defense (DoD)

Naval Base, Norfolk

The Naval Base in Norfolk participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in Virginia (excluding National Capital Region), West Virginia, Maryland, Delaware, and Pennsylvania.

COMNAVBASE, Norfolk VA
Commander
Naval Base Norfolk
1530 Gilbert Street, Suite 200
Code N1P
Norfolk, VA 23511-2797
(804) 322-2826

Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer. The following are participating organizations in the State of Virginia:

Michael Antos
Naval Surface Warfare Center (NSWC-D)
Code P30, Route 206
Dahlgren, VA 22448
(540) 653-8701

Dr. John Cline
Army Research Laboratory Vehicle Structures
Directorate (AVSD)
NASA Langley Research Center
Hampton, VA 23681
(804) 864-3966

The following participating organizations are also located in Virginia: Army Research Institute (ARI), Alexandria, Virginia; Army Test, Measurement and Diagnostic Equipment Activity (TMDE-V), Ft. Belvoir, Virginia; Night Vision and Electronic Sensors Directorate (NVESD), Ft. Belvoir, Virginia; and Topographic Engineering Center (TEC), Ft. Belvoir, Virginia. For information on their programs, contact the following.

Marylin Krupsaw
GW/SEAS
Science and Engineering Apprentice Program
707 22nd Street NW.
Washington, DC 20052
(202) 994-2234

Department of Education (ED)

Appalachia Educational Laboratory, Inc. (AEL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director
Appalachia Educational Laboratory, Inc.
1031 Quarrier Street, P.O. Box 1348
Charleston, WV 25325
(304) 347-0400/Fax: (304) 347-0489
(800) 624-9120

Eisenhower Regional Consortium for Mathematics and Science Education at AEL

The Eisenhower Regional Consortium provides information and technical assistance to help States and

school districts improve mathematics and science education.

Pam Buckley, Director
Eisenhower Regional Consortium for Mathematics
and Science Education at AEL
1031 Quarrier Street, P.O. Box 1348
Charleston, WV 25325
(304) 347-0400/Fax: (304) 347-1888
(800) 624-9120

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Carol L. Rezba
Eisenhower Professional Development Program
Virginia Department of Education
P.O. Box 2120
Richmond, VA 23218-2120
(804) 225-2676/Fax: (804) 786-1703

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Verna L. Holoman
Eisenhower Professional Development Program
State Council of Higher Education for Virginia
101 North 14th Street
James Monroe Building, 9th Floor
Richmond, VA 23219-3684
(804) 225-2636/Fax: (804) 225-2604

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

Department of Energy (DOE)

Continuous Electron Beam Accelerator Facility (CEBAF)

In addition to school-year programs to motivate students and summer programs to enhance teacher skills, CEBAF—a Department of Energy physics research lab—shares curriculum materials, loans videotapes, and partners with the State and school districts to promote systemic improvement in precollege mathematics and science education.

Dr. Beverly K. Hartline, Associate Director
Continuous Electron Beam Accelerator Facility
12000 Jefferson Avenue
Newport News, VA 23606
(804) 249-7567/Fax: (804) 249-5065
E-mail: hartline@cebaf.gov

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Chincoteague National Wildlife Refuge

Programs at the Chincoteague National Wildlife Refuge include guided walks, environmental education activities, and teacher workshops. Teachers participating in the workshops receive teacher guides.

Outdoor Recreation Planner
Chincoteague National Wildlife Refuge
Maddox Boulevard, Box 62
Chincoteague, VA 23336
(804) 336-6122/Fax: (804) 336-5273

Earth Science Information Center, Reston

The Reston Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Reston Earth Science Information Center
507 National Center
Reston, VA 22092
(703) 648-6045/Fax: (703) 648-5548
TDD: (703) 648-4119
(800) USA-MAPS

Mason Neck National Wildlife Refuge

Mason Neck National Wildlife Refuge offers environmental education workshops for teachers on- and offsite.

Outdoor Recreation Planner
Mason Neck National Wildlife Refuge
14416 Jefferson Davis Highway, Suite 20A
Woodbridge, VA 22191
(703) 690-1297/Fax: (703) 690-8495

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and Marine
Minerals
Minerals Management Service
381 Eldon Street, MS 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and Governmental
Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington DC 20240
(202) 208-3985/Fax: (202) 208-6198

Prince William Forest Park

Prince William Forest Park offers a variety of environmental education programs, nature walks, and curriculum materials. Teacher workshops and guidebooks are also available.

Division of Interpretation
Prince William Forest Park
P.O. Box 209
Triangle, VA 22172
(703) 221-4706

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Suzie Gilley, Project WILD Coordinator
Virginia Department of Game and Inland Fisheries
4010 West Broad, P.O. Box 11104
Richmond, VA 23230
(804) 367-0188/Fax: (804) 367-9147

Shenandoah National Park

Spring and fall workshops offered by the Shenandoah National Park educate teachers about the park. Environmental education programs for students are primarily for 3rd and 5th graders. Guided walks are available upon request.

Division of Interpretation
Shenandoah National Park
Route 4, Box 348
Luray, VA 22835
(703) 999-2243

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Dr. James E. Price, Executive Director
Governor's Employment and Training Department
The Commonwealth Building
4615 West Broad Street, Third Floor
Richmond, VA 23230
(804) 367-9803/Fax: (804) 367-6172

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Betty P. Wilson
Aviation Education Resource Center
Virginia Aviation Museum
5701 Huntsman Road
Sandston, VA 23150-1946
(804) 225-3783

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
841 Chestnut Street, Mail Stop 3EA20
Philadelphia, PA 19107
(215) 597-9076/Fax: (215) 597-0961

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3
841 Chestnut Street
Philadelphia, PA 19107
(215) 597-6685/Fax: (215) 597-0961

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational program's officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Keith Koehler
Public Affairs Office
Wallops Flight Facility
Wallops Island, VA 23337
(804) 824-1579

Marchelle Canright
Center Education Program Officer
NASA Langley Research Center
Mail Stop 400
Hampton, VA 23681-0001
(804) 864-3313

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Wallops Flight Facility
NASA Education Complex-Visitor Center
Building J-17
Wallops Island, VA 23337-5099
(804) 824-2297/2298

Virginia Air and Space Center
NASA Teacher Resource Center
600 Settler's Landing Road
Hampton, VA 23669-4033
(804) 727-0900, ext. 757

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Radford University
NASA Regional Teacher Resource Center
Walker Hall, P.O. Box 6999
Radford, VA 24142
(703) 831-6284

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Virginia Space Grant Consortium
2713-D Magruder Boulevard
Hampton, VA 23666
(804) 865-0726

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

The focus for Virginia's Statewide Systemic Initiatives Program is K-8 education. The project includes a lead-teacher initiative, new preservice and inservice models, instructional materials and assessment reform, a leadership component for administrators, a community action campaign, and mathematics and science education supported through the State's telecommunications system.

Joseph Exline
Virginia Department of Education
101 North 14th Street, James Monroe Building
Richmond, VA 23219
(804) 225-2876/Fax: (804) 371-0249

West Virginia

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Mary McPhall Gray, Division Leader
Family and Youth Program
West Virginia University
619 Knapp Hall, P.O. Box 6031
Morgantown, WV 26506-6031
(304) 293-2694

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

William Aiken
West Virginia Farm Bureau
1 Red Rock Road
Buckhannon, WV 26201
(304) 472-2080/Fax: (304) 472-6554

Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the region who are interested in attending college and pursuing science careers.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education, and
Extension Service
Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Department of Education (ED)

Appalachia Educational Laboratory, Inc. (AEL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Terry L. Eidell, Executive Director
Appalachia Educational Laboratory, Inc.
1031 Quarrier Street, P.O. Box 1348
Charleston, WV 25325
(304) 347-0400/Fax: (304) 347-0489
(800) 624-9120

Eisenhower Regional Consortium for Mathematics and Science Education at AEL

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Buckley, Director
Eisenhower Regional Consortium for Mathematics and Science Education at AEL
1031 Quarrier Street, P.O. Box 1348
Charleston, WV 25325
(304) 347-0400/Fax: (304) 347-1888
(800) 624-9120

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

David M. Porterfield
Eisenhower Professional Development Program
West Virginia Department of Education
1900 Kanawha Boulevard E, Room B-252
Charleston, WV 25305
(304) 558-7805/Fax: (304) 558-0048

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher

enhancement through both inservice and preservice programs.

Dr. Donald C. Darnton
Eisenhower Professional Development Program
West Virginia State College
Department of Business
Institute, WV 25112
(304) 766-3094/3192/Fax: (304) 768-9842

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

Department of Energy (DOE)

Morgantown Energy Technology Center

In addition to guided tours and field trips, the Morgantown Energy Technology Center manages teacher workshops and a speakers bureau, loans instructional materials to Teacher Research Associates Program participants and local educators, and sponsors a regional Science Bowl.

Larry Headley
Morgantown Energy Technology Center
P.O. Box 880
Morgantown, WV 26507-0880
(304) 285-4314/Fax: (304) 285-4292
E-mail: lheadl@metc.doe.gov

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

New River Gorge National River

New River Gorge National River programs include guided walks and lectures on the river's history, geology, and ecology. A teacher's guide is available.

Division of Interpretation
New River Gorge National River
P.O. Box 246
Glen Jean, WV 25846
(304) 465-0508

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Art Shomo, Project WILD Coordinator
Division of Natural Resources
1900 Kanawha Boulevard, East
Charleston, WV 25305
(304) 558-2771/Fax: (304) 558-3147

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Andrew N. Richardson, Commissioner
West Virginia Bureau of Employment Programs
Job Training Programs Division
2112 California Avenue, Room 610
Charleston, WV 25305-0112
(304) 558-2630/Fax: (304) 558-2992

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Resource Centers

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Dr. Ronald Ohl, President
Aviation Education Resource Center
Salem-Teikyo University
223 West Main Street
Salem, WV 26426
(304) 782-5234

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on

environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
841 Chestnut Street, Mail Stop 3EA20
Philadelphia, PA 19107
(215) 597-9076/Fax: (215) 597-0961

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3
841 Chestnut Street
Philadelphia, PA 19107
(215) 597-6685/Fax: (215) 597-0961

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Marchelle Canright
Center Education Program Officer
NASA Langley Research Center
Mail Stop 400
Hampton, VA 23681-0001
(804) 864-3313

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Virginia Air and Space Center
NASA Teacher Resource Center
600 Settler's Landing Road
Hampton, VA 23669-4033
(804) 727-0900, ext. 757

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Wheeling Jesuit College
NASA Regional Teacher Resource Center
316 Washington Avenue
Wheeling, WV 26003
(304) 243-2388

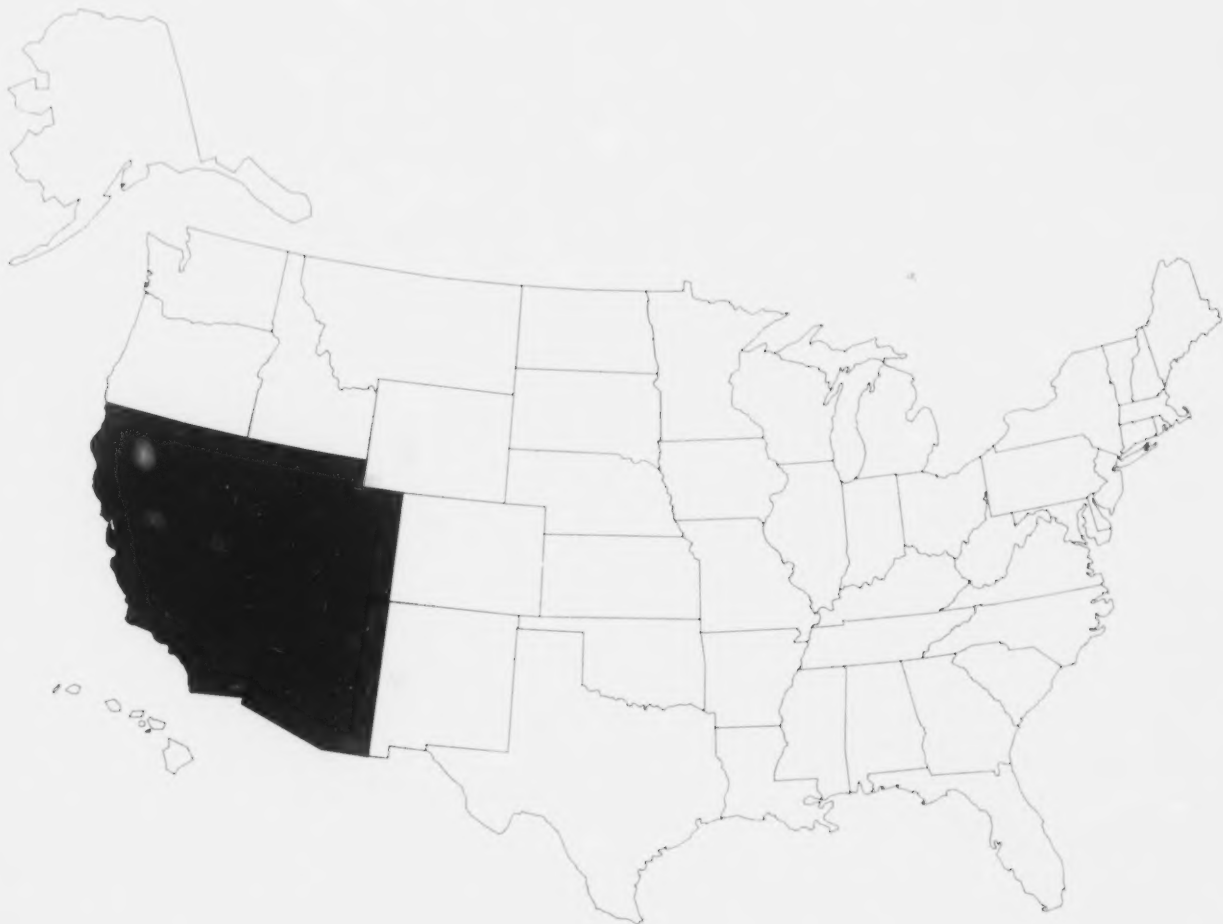
Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

West Virginia Space Grant Consortium
West Virginia University, Evansdale Campus
Engineering Research Building, Room 108A
Morgantown, WV 26506-6101
(304) 293-4099

Far West

Areas Served:
Arizona, California,
Nevada, and Utah



WestEd Eisenhower Regional Consortium for Science and Mathematics Education

The WestEd Eisenhower Regional Consortium for Science and Mathematics Education (WERC), a program of the WestEd Regional Educational Laboratory, is 1 of 10 Regional Consortia that came into existence on October 1, 1992, as a result of acts of Congress and the U.S. Department of Education. WERC is a member of the National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education. The mission of this network is to serve as a coordinated field-based national infrastructure for systemic development and dissemination, with an emphasis on underserved and underrepresented populations.

Each of the 10 regional consortia serves the States within its geographical region to promote systemic reform in science and mathematics education. Systemic reform aims to simultaneously address the various factors that contribute to the current condition of science and mathematics education. On a State level, this includes curriculum frameworks, grade-level assessments, and teacher preservice and inservice programs. WestEd works with States to help align curriculum frameworks with world-class standards, and to match statewide assessment methods with these standards and reform frameworks.

WERC is working with the different State departments of education to identify key issues in each of its four States. In Arizona, Consortium staff have worked with the Arizona Department of Education to develop a curriculum alignment program to assist schools in creating a district curriculum and District Assessment Plans for mathematics and science that are aligned to the Arizona Essential Skills in those subjects. Consortium staff also helped design and implement the summer Arizona Academy for Systemic Reform of Mathematics and Science and the subsequent Journey Schools Program. WERC staff

also provide technical assistance to Arizona systemic reform efforts such as the Phoenix area Urban Systemic Initiative and the Arizona Coalition members of the area's UCAN Rural Systemic Initiative. The technical assistance for the Urban Systemic Initiative has had a focus on Teacher Action Research projects.

In Nevada, work at the State level has focused on building an electronic network called the Nevada Public School Network. This telecommunications network enables K-12 teachers to directly access the Internet. WestEd has provided necessary funds for the distributed file servers needed to operate the network and facilitate the organization and functioning of a statewide task force to make and implement both short-term and long-term plans. Currently, WERC efforts in Nevada are focusing on the development of a new Nevada Science Framework that embodies content and performance standards. In addition, WERC staff provide technical assistance in a variety of professional development settings supporting mathematics and science education.

Work in Utah focuses on revising and implementing the science framework. Revision of the core curriculum initially focused on K-6 and expanded to grades 7-12. WERC participated in writing and revising the new core, integrating authentic assessment instruments aligned with the core content and philosophy, piloting the use of the core in selected schools, and disseminating the revised core to a much wider audience in Utah. After the Utah Board of Education adopted both revised cores, efforts have focused on supporting the professional development to assist teachers and schools in implementing the new ways of teaching science at the elementary and secondary levels. A key philosophical underpinning of the science core revisions is a departure from instruction based on isolated facts towards an integrated instructional program that highlights the processes of

science and the big ideas in science and their connections. The revised secondary science core includes a new ninth grade Earth Systems Science course. WERC staff are assisting Utah educators in developing helpful resources for teachers and students, especially a site on the World Wide Web specifically geared to supporting this course.

California is the only State in WestEd's region that has received funding from the National Science Foundation's Statewide Systemic Initiative (SSI). WERC collaborates with the State's SSI to help coordinate science education efforts throughout the State. Together they have established the California Science Education Advisory Committee (CSEAC). CSEAC is currently leading the effort to develop California Challenge Science Education Standards. This statewide effort utilizes electronic communications to assist in the development, review and dissemination of the new standards. Another major CSEAC initiative is focusing on the implementation of science performance assessments statewide. In the spring of 1996, more than 20,000 students engaged in performance tasks as part of this initiative.

The Science Education Academy of the Bay Area (SEABA), provides an example of the networking and collaboration model for enhanced systemic reform. Charter members of SEABA include 10 county offices of education, four University of California campuses, the Lawrence Hall of Science, four California State University (CSU) campuses, WestEd, the California Department of Education, the Exploratorium, the California Academy of Sciences, Public Broadcasting Station KQED, and four U.S. Department of Energy laboratories. A SEABA goal from its inception has been the production and dissemination of a "one-stop shopping catalog" of greater Bay Area programs and resources. This electronic catalog provides accurate up-to-date information about science education resources and continuing education opportunities available to educators in the greater Bay Area. Teachers and resource providers can search the catalog by organization name, subject area, type of activity, date range, geographic location, and other search criteria. A companion journal, printed in magazine format, provides teachers with an overview of Bay Area professional development activities, highlights selected SEABA activities, encourages teachers to continue their education in science, and helps them use the electronic catalog.

As the Consortium has set up operations and become an accepted and valued player in all four States, one role for the Consortium has consistently emerged. This Consortium is perhaps the only group whose funding and task descriptions are consistent with a sustained effort to gather information about the large number of currently existing programs, catalog this information in ways that would be useful for a wide variety of audiences, and then actively disseminate the information about resources and programs that are available in each State. This is a vital process, and the Consortium has developed a database, which currently contains more than 2,500 records.

The Regional Consortia have a special role in identifying and disseminating exemplary curricular materials, teaching methods, teacher training programs, and assessment tools. WERC helps identify exemplary materials developed within its region to be disseminated by the Consortium and by the Eisenhower National Clearinghouse. In addition, WERC plays a central role in the dissemination of information from the Clearinghouse to schools and teachers in its four States. As a first step in disseminating Clearinghouse products, WERC, in collaboration with ENC, has set up a Demonstration Site in the California Academy of Sciences located in San Francisco's Golden Gate Park.

At the local level, the Consortium provides technical assistance that teaches classroom teachers, administrators, and other educators to adapt and use exemplary instructional materials, teaching methods, curricula, and assessment tools. Since the WestEd Eisenhower Regional Consortium has a limited budget to serve a very large area in terms of both population and geography, it is focusing its training efforts on working with existing staff development networks. The Consortium's training and information services aim to facilitate the efforts of the many agencies that themselves reach out into all the schools in the region.

WestEd provides significant resources and assistance with respect to the uses of technology to support improvements in mathematics and science education. The development, printing, and distribution of the acclaimed book *Tales from the Electronic Frontier* illustrates WERC's approach to the uses of technology to support education reform. *Tales* features nine stories of how practicing teachers use the Internet for the active learning of mathematics and science. Each

story raises challenging issues that arise in instructional settings. In addition, *Tales* provides valuable resources, tips and ideas to help both the Internet novice and those who have more experience.

The WestEd Governing Board oversees the activities of the WestEd Eisenhower Regional Consortium. The Governing Board has 33 active members from all 4 States, including Chief State School Officers; local school administrators; representatives from higher education; county superintendents of schools; representatives from State offices of education; representatives from private schools; and members of the business community.

Dr. Art Sussman, WERC Co-Director
Dr. Steve Schneider, WERC Co-Director
Dr. Tania Madfes, Director, Science Education
Academy of the Bay Area
Dr. Sharon Nelson-Barber, Equity, Evaluation
Specialist
Ann Muench, Mathematics Specialist
Richard Wenn, Communications Specialist
Jerome Shaw, Science Specialist
Libby Rognier, Research Associate
Mayumi Shinohara, Research Associate
Kirsten Daehler, Research Associate
Roberto Carios, Research Assistant
Kristin Hershbell, Research Assistant
Sally King, Administrative Assistant

WestEd Eisenhower Regional Consortium
for Science and Mathematics Education
730 Harrison Street
San Francisco, CA 94107-1242
(415) 241-2731/Fax: (415) 241-2746
WWW: <<http://www.fwl.org/fwerc/>>

Arizona

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. William Peterson, Assistant Director
Arizona 4-H Youth Development
University of Arizona
Forbes 301
Tucson, AZ 85719
(602) 621-7205

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Deborah Flowers
3401 East Elwood Street
Phoenix, AZ 85040-1625
(602) 470-0088/Fax: (602) 470-0178

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Stephen H. Merrill, State Coordinator
Eisenhower Professional Development Program
Arizona Department of Education
1535 West Jefferson Street
Phoenix, AZ 85007
(602) 542-2147/Fax: (602) 542-3100

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Paul Tweeten
Eisenhower Professional Development Program
Arizona Board of Regents
2020 North Central Avenue, Suite 230
Phoenix, AZ 85004
(520) 229-2961/Fax: (520) 523-7953

Far West Laboratory (FWL) for Educational Research and Development

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director
Far West Laboratory for Educational Research and Development
730 Harrison Street
San Francisco, CA 94107-1242
(415) 565-3000/Fax: (415) 565-3012

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

WestEd Eisenhower Regional Consortium for Science and Mathematics Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director
WestEd Eisenhower Regional Consortium
for Science and Mathematics Education
730 Harrison Street
San Francisco, CA 94107-1242
(415) 565-3000/Fax: (415) 241-2746

Department of Energy (DOE)

Western Area Power Administration (WAPA)

The Western Area Power Administration conducts the Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

Glenda Dunshee
Western Area Power Administration-Phoenix
P.O. Box 6457
615 South 43rd Avenue
Phoenix, AZ 85005
(602) 352-2770/Fax: (602) 352-2630

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office participates in the Color Country Nature Camp Program for students and provides information about educational programs, materials, and local land-management issues. Information is also available on facilities, such as the Dankworth Pond Outdoor Learning Center and the San Pedro Riparian National Conservation Area.

Rem Hawes, Education Coordinator
Office of External Affairs
Bureau of Land Management
3707 North Seventh Street
P.O. Box 16563
Phoenix, AZ 85011
(602) 650-0404

Glen Canyon Dam Visitor Center

Guided and self-guided tours of the Glen Canyon Dam are available to school groups. Brochures in Braille and headphones are also available for individuals who are visually impaired.

Public Affairs Office
Upper Colorado Region
Bureau of Reclamation
P.O. Box 11568 (UC-140)
Salt Lake City, UT 84147-0568
(801) 524-6477

Hoover Dam Exhibit Building

In addition to tours of the Hoover Dam, the exhibit building houses interpretive exhibits about the environment.

Public Affairs Office
Hoover Dam LCD-140
P.O. Box 427
Boulder City, NV 89005
(702) 293-8419

Imperial National Wildlife Refuge

The Imperial National Wildlife Refuge offers a variety of outreach and onsite environmental education activities for students of all ages.

Imperial National Wildlife Refuge
P.O. Box 72217
Martinez Lake, AZ 85365
(602) 783-3371/Fax: (602) 783-0652

Lake Mead National Recreation Area

Environmental educational programs are offered for grades 1-6. Pre- and post-visit curriculum materials are provided.

Division of Interpretation
Lake Mead National Recreation Area
601 Nevada Highway
Boulder City, NV 89005
(702) 293-8920

Project Water Education for Teachers (WET)

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Larry Sullivan, Associate Director
Water Resources Research Center
350 North Campbell Avenue
Tucson, AZ 85721
(602) 792-9591

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Project Wild Coordinator
Arizona Game and Fish Department
2221 West Greenway
Phoenix, AZ 85023
(602) 789-3238/Fax: (602) 789-3920

Saguaro National Monument

Courses in anthropology and natural history are available during the school year, as are guided tours and walks at the Saguaro National Monument.

Division of Interpretation
Saguaro National Monument
3693 South Old Spanish Trail
Tucson, AZ 85730
(602) 670-6680

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

James B. Griffith, Acting Assistant Director
Division of Employment and Rehabilitation
Services
1789 West Jefferson
P.O. Box 6123, Suite 901A
Phoenix, AZ 85005
(602) 542-4910/Fax: (602) 542-2273

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Sandi Couverley, AWP-17F
 FAA Aviation Education Representative
 P.O. Box 92007
 Worldway Postal Center
 Los Angeles, CA 90009
 (310) 297-0556/Fax: (310) 297-0706

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Sandi Couverley, AWP-17F
 FAA Aviation Education Representative
 P.O. Box 92007
 Worldway Postal Center
 Los Angeles, CA 90009
 (310) 297-0556/Fax: (310) 297-0706

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for FAA educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Lew Davis, Program Manager
 Aviation Education Resource Center
 South Mountain High School
 Center for Aerospace Education
 5401 South Seventh Street
 Phoenix, AZ 85040
 (602) 271-3439

Tony Gulielmino
 Aviation Department Chair
 Aviation Education Resource Center
 Pima Community College
 1668 South Research Loop Road
 Tucson, AZ 85730
 (602) 884-6186

Karen Hudson
 Educational Programs Coordinator
 Aviation Education Resource Center
 Embry-Riddle Aeronautical University
 3200 North Willow Creek Road
 Prescott, AZ 86301
 (602) 771-6673

Gilbert McLaughlin
 Flandrau Science Center
 University of Arizona
 Tucson, AZ 85721
 (602) 621-4515

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Sandi Couverley, AWP-17F
 FAA Aviation Education Representative
 P.O. Box 92007
 Worldway Postal Center
 Los Angeles, CA 90009
 (310) 297-0556/Fax: (310) 297-0706

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
 Environmental Protection Agency
 75 Hawthorne Street
 San Francisco, CA 94105
 (415) 744-1581/Fax: (415) 744-1605

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Lunar and Planetary Laboratory
NASA Regional Teacher Resource Center
University of Arizona
Tucson, AZ 85721-0001
(520) 621-6939/6947

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Arizona Space Grant Consortium
University of Arizona
Lunar and Planetary Lab, Room 333
Tucson, AZ 85721
(602) 621-8556

California

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Kenneth R. Farrell, Vice President
300 Lakeside Drive, Sixth Floor
University of California
Oakland, CA 94612-3560
(510) 987-0600

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Mark Linder
California Foundation for Ag in the Classroom
1601 Exposition Boulevard, FB 16
Sacramento, CA 95815
(916) 924-4380/Fax: (916) 923-5318

Department of Commerce (DOC)

Channel Islands National Marine Sanctuary

The Channel Islands National Marine Sanctuary offers a science education program for 5th-grade students only in the Santa Barbara school system, and a variety of educational materials. In-school presentations may also be arranged.

Laura Gorudezky, Education Coordinator
Channel Islands National Marine Sanctuary
113 Harbor Way
Santa Barbara, CA 93109
(805) 966-7107/Fax: (805) 568-1582

Elkhorn Slough National Estuarine Research Reserve

The Elkhorn Slough National Estuarine Research Reserve offers teacher workshops, teacher guided tours, and curriculum materials.

Becky Christensen, Education Coordinator
Elkhorn Slough National Estuarine Research Reserve
1700 Elkhorn Road
Watsonville, CA 95076
(408) 728-0506/Fax: (408) 728-1056

Gulf of the Farallones National Marine Sanctuary

The Gulf of the Farallones National Marine Sanctuary offers annual science workshops for teachers. The Whale Bus, a traveling exhibit, offers hands-on activities and visits schools upon request.

Edward Weber, Manager
Gulf of the Farallones National Marine Sanctuary
Fort Mason Building, Room 201
San Francisco, CA 94123
(415) 556-3509/Fax: (415) 556-1419

Monterey Bay National Marine Sanctuary

The recently designated Monterey Bay National Marine Sanctuary will create education programs in the coming year.

Liz Love, Education Coordinator
Monterey Bay National Marine Sanctuary
299 Foam Street, Suite D
Monterey, CA 93940
(408) 647-4201/Fax: (408) 647-4250

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Michael Spranger
Washington Sea Grant
University of Washington, HG-3
3716 Brooklyn Avenue NE
Seattle, WA 98105-6716
(206) 543-6600/Fax: (206) 685-0380

Southwest Fisheries Science Center

The Southwest Fisheries Science Center has teaching aids and kits available for classroom use.

Susan E. Smith
National Marine Fisheries Service
National Oceanic and Atmospheric Administration
Southwest Fisheries Science Center
8604 La Jolla Shores Drive, P.O. Box 271
La Jolla, CA 92038
(619) 546-7070 or (908) 872-3088

Tijuana River National Estuarine Research Reserve

The Tijuana River National Estuarine Research Reserve offers teacher training courses and student programs, which include nature walks and classes.

Gail Sevens
Education Assistant Coordinator
Tijuana River National Estuarine Research Reserve
301 Caspian Way
Imperial Beach, CA 91932
(619) 575-3613/Fax: (619) 575-6913

Department of Defense (DoD)

Civil Engineer Corps-Seabee Museum

Designed to highlight the importance of engineering in the Naval forces, the Seabee Museum exhibits the history and technology of various projects of the Civil Engineer Corps. Tours are available upon request.

Civil Engineer Corps-Seabee Museum
Naval Construction Battalion Center
1000 23rd Avenue
Code 10H
Port Hueneme, CA 93043-4301
(805) 982-5611/Fax: (805) 982-5595

Naval Air Station, Lemoore

The Naval Air Station at Lemoore participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the local area.

NAS, Lemoore CA
Commander
Naval Air Station Lemoore
810 Avenger Avenue
Code 013
Lemoore, CA 93246-5037
(209) 998-2137

Naval Air Station, Point Mugu

The Naval Air Station at Point Mugu participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the local area.

NAVAIRWARCENWPNDIV, Point Mugu CA
Commander
Naval Air Warfare Center Weapons Division
Point Mugu, CA 93042-5000
(805) 989-3254

Naval Base, San Diego

The Naval Base at San Diego participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout Southern California, Arizona, Hawaii, and Nevada.

COMNAVBASE, San Diego CA
Commander, Naval Base
937 North Harbor Drive
Code 012
San Diego, CA 92132-5100
(619) 532-1514

Naval Base, San Francisco

The Naval Base at San Francisco participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout Northern California.

COMNAVABASE, San Francisco CA
Commander
Naval Base Treasure Island
410 Palm Avenue
Code N-5
San Francisco, CA 94130-0411
(415) 395-3928

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Gayland Jordan
Eisenhower Professional Development Program
California Department of Education
721 Capitol Mall, Third Floor
Sacramento, CA 94244-2720
(916) 657-4865/Fax: (916) 657-3467

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Linda Barton White
Eisenhower Professional Development Program
California Postsecondary Education Commission
1303 J Street, Suite 500
Sacramento, CA 95814
(916) 322-7984/Fax: (916) 327-4417

Far West Laboratory (FWL) for Educational Research and Development

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director
Far West Laboratory for Educational Research and Development
730 Harrison Street
San Francisco, CA 94107-1242
(415) 565-3000/Fax: (415) 565-3012

Regional Technology in Education Consortium (R*TEC)

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Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

WestEd Eisenhower Regional Consortium for Science and Mathematics Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director
WestEd Eisenhower Regional Consortium for Science and Mathematics Education
730 Harrison Street
San Francisco, CA 94107-1242
(415) 565-3000/Fax: (415) 241-2746

Department of Energy (DOE)

The Elk Hills Naval Petroleum Reserves in California

The Elk Hills Naval Petroleum Reserves in California is one of the Nation's leading producers of crude oil and California's largest producer of natural gas. In addition to daily operations, Elk Hills is committed to future generations, encouraging young people in Kern County to pursue careers in mathematics and science through active involvement in various education outreach programs. One of the largest and most visible programs is the annual Kern County Regional Science Bowl. In addition to the Science Bowl, the giant Elk Hills oil field also is the host to various other programs, including paid student summer internship programs; Earth Day elementary school

activities; environmental Pockets Educational Outreach Program; as well as various oil field tours and a 1-day shadowing program. Elk Hills also provides a large number of employees to judge at various school science fairs, including the Kern County Science Fair. The facility also supports the Mathematics, Engineering, and Science Achievement (MESA) program; the Science Olympics; career days; and Arco's Coles Levee Ecosystem Preserve educational program.

Todd G. Goode, Public Affairs
Naval Petroleum Reserves in California
P.O. Box 87
Tupman, CA 93276
(805) 763-6067

Lawrence Berkeley National Laboratory

Lawrence Berkeley National Laboratory works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Research opportunities are available for local high school students, secondary teachers, and undergraduate students. Various outreach programs are also available.

Roland Otto, Director
Lawrence Berkeley National Laboratory
Center for Science and Engineering Research
One Cyclotron Road, Building 938C
Berkeley, CA 94720
(510) 486-5325/Fax: (510) 486-6660
E-mail: rjotto@lbl.gov

Lawrence Livermore National Laboratory (LLNL)

At the Lawrence Livermore National Laboratory, the primary mission is "to provide the scientific and technological tools needed to meet critical national missions in the next 20 years." The Education Program is channeling the unique scientific and technical resources of the Laboratory to contribute to systemic improvement in science, mathematics, engineering, and technology education to ensure a highly skilled, diverse workforce and enhance scientific literacy. LLNL is helping to shape the Nation's workforce by partnering the Laboratory's rich scientific and technical base with the education community to introduce new approaches to teaching science and mathematics, integrate Laboratory core competencies and technology to enhance science education, enhance public

understanding and awareness of science and technology, and provide students and educators with opportunities to conduct research and earn advanced degrees.

Eileen S. Vergino
Director, Education Program
Lawrence Livermore National Laboratory
Livermore, CA 94550
(510) 422-3097/Fax: (510) 422-5761
E-mail: verginoes@llnl.gov

Naval Petroleum Reserves

The Naval Petroleum Reserves is responsible for managing, operating, maintaining, and producing the Naval Petroleum Reserves in California. The Reserves work to achieve the greatest value and benefits to the United States with consideration of the interests of the joint owners.

Todd Goode, Public Affairs Coordinator
Naval Petroleum Reserves in California
U.S. Department of Energy
P.O. Box 87
Tupman, CA 93276
(805) 763-6067/Fax: (805) 763-6699

Sandia National Laboratory (California)

Sandia National Laboratory (California) works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Teacher workshops and research apprenticeships, student internships, and numerous other programs are also managed through the Laboratory.

Karen P. Scott
Education Outreach Program Manager
Sandia National Laboratories/California
7011 East Avenue, MS 9904
P.O. Box 969
Livermore, CA 94550
(510) 294-3760/Fax: (510) 294-1526
E-mail: KPScott@Sandia.gov

Stanford Linear Accelerator Center

Stanford Linear Accelerator Center works with the Bay Area Science and Technology Education Collaboration to improve education in science, mathematics, and technology. Teacher workshops are offered in the summer.

Helen Quinn, Education Officer
Stanford Linear Accelerator Center
P.O. Box 4349, Bin-81
Stanford, CA 94309
(415) 926-2525/Fax: (415) 926-4500
E-mail: Quinn@slac.stanford.edu

Western Area Power Administration (WAPA)

The Western Area Power Administration conducts the Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

Guy Nelson
Western Area Power Administration-Sacramento
114 Park Shore Drive
Folsom, CA 95670-4710
(916) 353-4435/Fax: (916) 985-1930
E-mail: gnelson@wapa.gov

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs and materials. Information about local programs managed by district offices, such as the Hollister Resource Area Office, is also available.

Education Coordinator
Bureau of Land Management
2800 Cottage Way, E-2841
Sacramento, CA 95825
(916) 978-4746

Bureau of Reclamation Environmental Education

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh
Environmental Education Coordinator
Denver Federal Center, D-500
Building 67
Denver, CO 80225
(303) 236-9336, ext. 223/Fax: (303) 236-3573

Channel Islands National Park

The Channel Islands National Park offers environmental programs, including guided walks, lectures, a video, and teacher workshops.

Division of Interpretation
Channel Islands National Park
1901 Spinnaker Drive
Ventura, CA 93001
(805) 658-5700

Death Valley National Monument

Death Valley National Monument offers environmental programs, including guided walks, lectures, and hands-on activities.

Division of Interpretation
Death Valley National Monument
Death Valley, CA 92328
(619) 786-2331

Earth Science Information Center, Menlo Park

The Menlo Park Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Menlo Park-ESIC
Building 3, Room 3128, Mail Stop 532
345 Middlefield Road
Menlo Park, CA 94025-3591
(415) 329-4309/Fax: (415) 329-5130
TDD: (415) 329-5092
(800) USA-MAPS

Folsom Dam

Guided tours of Folsom Dam are provided by the Bureau of Reclamation.

Public Affairs Office, Mid-Pacific Region
Bureau of Reclamation
Federal Office Building
2800 Cottage Way
Sacramento, CA 95825-1846
(916) 978-4919

Golden Gate Recreation Area

Golden Gate Recreation Area offers curriculum-based programs that are led by trained staff who stress outdoor activities. Teacher guides that detail pre- and post-visit activities are available for each program.

Division of Interpretation
Golden Gate National Recreation Area
Fort Mason, Building 201
San Francisco, CA 94123
(415) 556-2920

Joshua Tree National Monument

Joshua Tree National Monument manages several ranger-led natural science oriented educational programs that are available both onsite and in the classroom.

Division of Interpretation
Joshua Tree National Monument
74485 National Monument Drive
Twentynine Palms, CA 92277-3597
(619) 367-7511

Lassen Volcanic National Park

Lassen Volcanic National Park offers guided walks, lectures, a museum, and hands-on activities that focus on anthropological and geological aspects of the park. In-school presentations may be requested.

Division of Interpretation
Lassen Volcanic National Park
P.O. Box 100
Mineral, CA 96063-0100
(916) 595-4444

Lava Beds National Monument

Programs include guided walks that focus on anthropological and geological aspects of the park.

Yvonne McMillan
Interpretative Ranger
Lava Beds National Monument
P.O. Box 867
Tulelake, CA 96134
(916) 667-2282

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher in-service programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Pacific Outer Continental Shelf Region
Minerals Management Service
Education Coordinator
770 Paseo Camarillo
Camarillo, CA 93010
(805) 389-7502/Fax: (805) 389-7505

Royalty Management Program
Minerals Management Service
Office of Public Affairs
1201 Elmwood Park Boulevard, MS 500
P.O. Box 25168
Lakewood, CO 80225
(303) 231-3162/Fax: (303) 231-3780

New Melones Lake Visitor Center

The New Melones Lake Visitor Center offers an interpretive program. The program's focus is the historical and archaeological cultural resources at the New Melones Project.

Public Affairs Office, Mid-Pacific Region
Bureau of Reclamation
Federal Office Building
2800 Cottage Way
Sacramento, CA 95825-1846
(916) 978-4919

Point Reyes National Seashore

Both the South and North Districts of the Point Reyes National Seashore offer environmental education programs for both teachers and students. The Clem Miller Environmental Education Center is available

to educators and students for a 5-day wilderness awareness program.

Education Programs
Division of Interpretation
Point Reyes National Seashore
Point Reyes Station, CA 94956
(415) 663-8522

Project Water Education for Teachers (WET)

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Rita Sudman
Water Education Foundation
717 K Street, Suite 517
Sacramento, CA 95814
(916) 444-6240

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Elena Tarailo, Project WILD Coordinator
California Department of Fish and Game
1416 Ninth Street
Sacramento, CA 95814
(916) 653-9843/Fax: (916) 653-1856

Redwood National Park

Redwood National Park offers environmental education activities. Guided tours and lectures are also available.

Division of Interpretation
Redwood National Park
1111 Second Street
Crescent City, CA 95531
(707) 464-6101

San Francisco Bay National Wildlife Refuge

An environmental education center in the San Francisco Bay National Wildlife Refuge offers extensive programs for students and teachers. Interpretive trails and other services are also available.

Public Use Manager
San Francisco Bay National Wildlife Refuge
P.O. Box 524
Newark, CA 94560
(510) 792-0222/Fax: (510) 792-5828

San Luis Reservoir Visitor Center

The San Luis Reservoir Visitor Center offers interpretive tours and exhibits of this joint State-Federal reclamation project.

Public Affairs Office, Mid-Pacific Region
Bureau of Reclamation
Federal Office Building
2800 Cottage Way
Sacramento, CA 95825-1846
(916) 978-4919

Sequoia and Kings Canyon National Parks

Sequoia and Kings Canyon National Parks offer guided tours, lectures, and environmental education activities, as well as in-class presentations.

Division of Interpretation
Sequoia and Kings Canyon National Parks
Three Rivers, CA 93271-9700
(209) 565-3131

Shasta Dam Visitor Center

The Shasta Dam Visitor Center offers tours and exhibits of the Dam's construction, the management of the Central Valley Project, and the area's fish and wildlife resources.

Public Affairs Office, Mid-Pacific Region
Bureau of Reclamation
Federal Office Building
2800 Cottage Way
Sacramento, CA 95825-1846
(916) 978-4919

Yosemite National Park

Yosemite National Park offers cultural history programs in the fall and natural history programs in the spring. Both programs provide hands-on activities as well as curriculum materials. Teachers may assist in curriculum development during the summer.

Yosemite also offers guided tours, lectures, and an extensive Junior Ranger Program.

Division of Interpretation
Yosemite National Park
P.O. Box 577
Yosemite National Park, CA 95389
(209) 372-0200

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Thomas Nagle, Director
California Department of Employment
Development
800 Capitol Mall, MIC 83
Sacramento, CA 95814
(916) 654-8210/Fax: (916) 657-5294

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Toni Brown
Aviation Education Resource Center
Campbell County School District Media Services
525 West Lakeway Road
Gillette, WY 82718
(307) 682-3144

Nick Milichevich, Chairman
Aviation Education Resource Center
San Jose State University
Department of Aviation
1 Washington Square
San Jose, CA 95192-0081
(408) 924-6580

Harvey Ferer
Aviation Education Resource Center
Museum of Flying
2772 Donald Douglas Loop North
Santa Monica, CA 90405
(310) 392-8822

Rick Piercy, Coordinator
Aviation Education Resource Center
Apple Valley Science and Technology Center
P.O. Box 2968, 15552 Wichita
Apple Valley, CA 92307
(619) 242-3514

Mary Ann Liette, Coordinator of ERC
Aviation Education Resource Center
Riverside County Office of Education
3939 13th Street
Riverside, CA 92502-0868
(909) 788-6684

Karen Tozlian
Fresno Unified School District Instructional
Media Center
3132 East Fairmont
Fresno, CA 93725
(209) 441-3672

Nancy Harlan, Coordinator
Aviation Education Resource Center
San Bernardino County Superintendent of Schools
Instructional Services Division
601 North East Street
San Bernardino, CA 92410-3093
(714) 387-3152

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National

Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Fred Shair, Manager
Educational Affairs Office
NASA Jet Propulsion Laboratory
4800 Oak Grove Drive, Mail Code 183-900
Pasadena, CA 91109
(818) 354-8251

Eugene L. Duke
Technology Commercialization Officer
Public Affairs Office, Tri. 42
NASA Dryden Flight Research Facility
Edwards AFB, CA 93523-0273
(805) 258-3802

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes,

publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Edmond Burke, President
Endeavor Center at Space Information
Laboratories, Inc.
NASA Teacher Resource Center
Maple High School, Lompoc U.S.D.
P.O. Box 5090
Vandenburg AFB, CA 93437
(805) 735-5131

NASA Dryden Flight Research Center
Public Affairs Office, Tri. 42
NASA Teacher Resource Center
Edwards AFB, CA 93523-0273
(805) 258-3456

NASA Jet Propulsion Laboratory
Teacher Resource Center
JPL Teaching Resource Center
4800 Oak Grove Drive, Mail Code CS-530
Pasadena, CA 91109-8099
(818) 354-6916

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

NASA San Joaquin Valley Regional
Teacher Resource Center
California State University at Fresno
5005 North Maple Avenue, Mailstop 01
Fresno, CA 93740-0001
(209) 278-0355

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

California Space Grant Consortium
University of California at San Diego
California Space Institute
9500 Gilman Drive, Mail Code 0524
LaJolla, CA 92093-0524
(619) 534-5869

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Bringing together top State leadership, California's Statewide Systemic Initiatives Program is addressing barriers to improving K-6 science education and middle school mathematics education, with an emphasis on the full participation of underrepresented groups. Other objectives include gaining public support, developing and promoting elementary science instruction, and making mathematics curriculum and instruction consistent with National Council of Teachers of Mathematics Standards.

Robert Polkinghorn
Director, Academic Collaboration in Education
300 Lakeside Drive, 18th Floor
Oakland, CA 94612-3550
(510) 987-9505/Fax: (510) 987-9612

Nevada

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Janet Usinger-Lesquereux
Assistant Director
Statewide Administration Office
Suite 201 ST&P Building
935 East Sahara Avenue
Las Vegas, NV 89104
(702) 795-0767

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Ben Damonte
Nevada Ag in the Classroom Task Force
1300 Marietta Way
Sparks, NV 89431
(702) 853-5696

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Holly Walton-Buchanan
Eisenhower Professional Development Program
Nevada Department of Education
Capitol Complex
Carson City, NV 89710
(702) 687-3136/Fax: (702) 687-5660

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Mike Hardie
Eisenhower Professional Development Program
University and Community College System
of Nevada
2601 Enterprise Road
Reno, NV 89512
(702) 784-4022/Fax: (702) 784-1127

Far West Laboratory (FWL) for Educational Research and Development

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director
Far West Laboratory for Educational Research and Development
730 Harrison Street
San Francisco, CA 94107-1242
(415) 565-3000/Fax: (415) 565-3012

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

WestEd Eisenhower Regional Consortium for Science and Mathematics Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director
WestEd Eisenhower Regional Consortium for Science and Mathematics Education
730 Harrison Street
San Francisco, CA 94107-1242
(415) 565-3000/Fax: (415) 241-2746

Department of Energy (DOE)

Bechtel Nevada

Bechtel Nevada offers college scholarships to selected science students and sponsors academic contests, outreach programs, science fairs, and a career day.

Dawn Merritt, Communications Manager
Bechtel Nevada
Office of Public and Employee Communications
P.O. Box 98521, M/S-0039
Las Vegas, NV 89193-8521
(702) 295-5792/Fax: (702) 295-1859
E-mail: meritdl@doe.nv.gov

Department of Energy Operations Office

The Department of Energy Nevada Operations Office manages outreach programs and teacher training programs and provides information on regional programs.

Elizabeth H. Donnelly
Community Services Specialist
DOE Field Office, Nevada
Public Affairs and Information Office
P.O. Box 98518
Las Vegas, NV 89193-8518
(702) 295-1640/Fax: (702) 295-0154

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
850 Harvard Way, P.O. Box 12000
Reno, NV 89520-0006
(702) 785-6586

Bureau of Reclamation Environmental Education

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh
Environmental Education Coordinator
Denver Federal Center, D-500
Building 67
Denver, CO 80225
(303) 236-9336, ext. 223/Fax: (303) 236-3573

Great Basin National Park

In addition to guided nature walks, Great Basin National Park offers a Junior Ranger Program that emphasizes ecology, conservation, and biology. Teacher workshops are available.

Division of Interpretation
Great Basin National Park
Baker, NV 89311
(702) 234-7331

Lake Mead National Recreation Area

Environmental educational programs are offered for grades 1-6. Pre- and post-visit curriculum materials are provided.

Division of Interpretation
Lake Mead National Recreation Area
601 Nevada Highway
Boulder City, NV 89005
(702) 293-8920

Project Water Education for Teachers (WET)

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Everett A. Jesse, Administrator
Division of Water Planning
Capitol Complex, 123 West Nye Lane
Carson City, NV 89710
(702) 687-3600

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Suzanne Sturtevant
Project WILD Coordinator
Division of Wildlife
4747 West Vegas Drive
Las Vegas, NV 89108
(702) 486-5127/Fax: (702) 486-5133

Dave Sanger
Project WILD Coordinator
Division of Wildlife
1100 Valley Road
Reno, NV 89520
(702) 688-1555/Fax: (702) 688-2939

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Barbara Weinberg, Executive Director
Nevada State Job Training Office
Capitol Complex, 400 West King
Carson City, NV 89710
(702) 687-4310/Fax: (702) 687-3957

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this

1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Frankie Lukasko
Aviation Education Resource Center
Galena High School Community Library
3600 Butch Cassidy Way
Reno, NV 89511
(702) 851-5630

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
P.O. Box 92007
Worldway Postal Center
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Environmental Protection Agency (EPA)

Environmental Monitoring Systems Laboratory

The Nevada Environmental Monitoring Systems Laboratory has established a partnership with the local school district, which offers in-school presentations, demonstrations at the laboratory, and a science fair.

Mary Anne Carpenter
Community Outreach Coordinator
Environmental Monitoring Systems Laboratory
P.O. Box 93478
Las Vegas, NV 89193-3478
(702) 798-2168

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Community College of Southern Nevada
NASA/Nevada Regional Teacher Resource
Center-C2A
Learning Resource Center, Room 2100F
3200 East Cheyenne Avenue
North Las Vegas, NV 89030-4296
(702) 651-4505

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Nevada Space Grant Consortium
Desert Research Institute
755 East Flamingo Road, Room 285
Las Vegas, NV 89132-0400
(702) 895-0408

Utah

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Scott S. McKendrick
State 4-H Program Leader
Utah State University
Logan, UT 84322-4900
(801) 750-2203

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Debra Spielmaker
Utah State University
UMC 2315
Logan, UT 84322-2315
(801) 797-1657/Fax: (801) 538-7126

Department of Defense (DoD)

Hill Aerospace Museum

The Hill Aerospace Museum exhibits the history and technology involved in both aeronautics and aerospace. Tours and pre-visit curriculum materials are available upon request.

Hill Aerospace Museum
7961 Wardleigh Road
75ABG/MU
Hill Air Force Base, UT 84056-5842
(801) 777-6868

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Brett Moulding
Eisenhower Professional Development Program
Utah Department of Education
250 East 500 South
Salt Lake City, UT 84111
(801) 538-7791/Fax: (801) 538-7769

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Phylliss Safman, Assistant Commissioner
Eisenhower Professional Development Program
Utah State Board of Regents
Three Triad Center, Suite 550
Salt Lake City, UT 84180-1205
(801) 321-7101/Fax: (801) 321-7199

Far West Laboratory (FWL) for Educational Research and Development

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dean H. Nafziger, Executive Director
Far West Laboratory for Educational Research and Development
730 Harrison Street
San Francisco, CA 94107-1242
(415) 565-3000/Fax: (415) 565-3012

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

WestEd Eisenhower Regional Consortium for Science and Mathematics Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Art Sussman, Director
WestEd Eisenhower Regional Consortium for Science and Mathematics Education
730 Harrison Street
San Francisco, CA 94107-1242
(415) 565-3000/Fax: (415) 241-2746

Department of Energy (DOE)

Western Area Power Administration (WAPA)

The Western Area Power Administration conducts the Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

David Howell
Western Area Power Administration-Salt Lake City
257 East 200 South, Suite 475
Salt Lake City, UT 84111
(801) 524-6024/Fax: (801) 524-5017

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office participates in several educational programs for students and also provides information about educational materials and local land-management issues.

Jeanne Moe, Archaeologist
Bureau of Land Management
P.O. Box 45155
Salt Lake City, UT 84145-0155
(801) 539-4060
(800) 722-3988

Bureau of Reclamation Environmental Education

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the

classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh
Environmental Education Coordinator
Denver Federal Center, D-500
Building 67
Denver, CO 80225
(303) 236-9336, ext. 223/Fax: (303) 236-3573

Dinosaur National Monument

The Dinosaur National Monument's onsite student programs and in-school presentations target primarily students in grades 3-6 to provide information on resource issues related to school curricula.

Division of Interpretation
Dinosaur National Monument
P.O. Box 128
Jensen, UT 84035
(801) 789-2115

Earth Science Information Center, Salt Lake City

The Salt Lake City Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Salt Lake City ESIC
2222 West 2300 S, 2nd Floor
Salt Lake City, UT 84119
(801) 975-3742/Fax: (801) 975-3740

Flaming Gorge Dam Visitor Center

Located on the Green River, the Flaming Gorge Dam Visitor Center offers guided and self-guided tours. Brochures in Braille and headphones are provided for individuals who are visually impaired.

Public Affairs Office
Upper Colorado Region
Bureau of Reclamation
P.O. Box 11568 (UC-140)
Salt Lake City, UT 84147-0568
(801) 524-6477

Jordanelle Reservoir Visitor Center

The Jordanelle Reservoir Visitor Center offers interpretive programs and nature trails.

Public Affairs Office
Upper Colorado Region
Bureau of Reclamation
P.O. Box 11568 (UC-140)
Salt Lake City, UT 84147-0568
(801) 524-6477

Project Water Education for Teachers (WET)

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Virginia Jensen
Department of Natural Resources
Division of Water Resources
1636 West North Temple, Suite 310
Salt Lake City, UT 84116-3156
(801) 538-7299

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Bob Ellis, Project WILD Coordinator
Utah Division of Wildlife Resources
1596 West North Temple
Salt Lake City, UT 84116-3195
(801) 538-4720/Fax: (801) 538-4709

Strawberry Reservoir Visitor Center

Guided and self-guided nature trails are available at the Strawberry Reservoir Visitor Center.

Public Affairs Office
Upper Colorado Region
Bureau of Reclamation
P.O. Box 11568 (UC-140)
Salt Lake City, UT 84147-0568
(801) 524-6477

Zion National Park

Zion National Park programs include guided nature walks within the Park that focus primarily on environmental education. A Junior Ranger Program is also available.

Division of Interpretation
Zion National Park
Springdale, UT 84767
(801) 772-3256

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Gregory B. Gardner, Director
Office of Job Training for Economic Development
324 South State Street, Suite 500
Salt Lake City, UT 84114-7162
(801) 538-8750/Fax: (801) 359-3928

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. P. R. "Ron" Smart, Director
Aviation Education Resource Center
Utah Valley State College
Aviation Science Department
800 West 1200 South
Orem, UT 84058-5999
(801) 222-8000, ext. 8436

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
999 18th Street, Suite 500
One Denver Place, Mail Stop 80EA
Denver, CO 80202-2405
(303) 293-1113/Fax: (303) 294-7665

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group

project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8
One Denver Place
999 18th Street
Denver, CO 80202-2405
(303) 294-1113/Fax: (303) 294-7665

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Weber State University
NASA Regional Teacher Resource Center
Curriculum Library, College of Education
Ogden, UT 84408-1302
(801) 626-7614/6279

Utah State University
College of Education
NASA Regional Teacher Resource Center
Logan, UT 84322-2845
(801) 797-3377

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Rocky Mountain Space Grant Consortium
Utah State University
Department of Electrical Engineering
USU/EL 302 UMC
Logan, UT 84322-4436
(801) 750-1592

Mid-Atlantic

Areas Served:

**Delaware,
the District of Columbia,
Maryland, New Jersey,
and Pennsylvania**



Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education

The Mid-Atlantic Eisenhower Consortium for Mathematics and Science Education is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Consortium is designed to address the realizations that past mathematics and science reform efforts have been piecemeal and isolated events, and that a new systemic approach is needed if U.S. students, indeed, are to be first in the world in mathematics and science achievement.

The Consortium's primary mission—to support a systemic approach to mathematics and science education—has a number of dimensions, all of which deal with linkages, relationships, and coherence. These dimensions include assisting in the development of State curriculum frameworks that are linked to world-class standards on one hand, and to authentic assessment on the other hand. They also include making certain that coherent linkages exist among what is taught (curriculum), how it is taught (instruction), what resources are used to support teachers (exemplary materials), and how learning is recognized and acknowledged (performance assessment); building closer relationships between preservice teacher education programs (particularly for elementary school teachers where the needs for such training are most evident) and quality inservice/professional development programs; and establishing closer linkages between teacher certification and teacher recruitment and retention programs, particularly in high-need urban and rural schools. Further, they include enhancing the integration of mathematics and science, as well as the integration of mathematics and science with other curriculum areas, and making certain that inservice/professional development programs are of sufficient length and substance

and are related to follow-up support and follow-through supervision that are so greatly needed if changed teaching behaviors are to become the norm.

The approach taken to operationalize this mission calls for involving numerous members of the education community who can affect mathematics and science improvement in schools. It also requires their involvement through a process that embodies systemic thinking. Both the breadth of involvement and the depth of the process distinguish a systemic approach from one that is merely "project-oriented."

Activities in each State are selected, developed, and monitored by a State team established by the Consortium. In Delaware over the past several years, the Consortium has sponsored inservice workshops in mathematics and science that are consistent with the State's vision of "New Directions for Education in Delaware." In the District of Columbia, the Consortium is supporting the NSF-sponsored Mathematics, Science, Technology Initiative. In Maryland, the Consortium has sponsored five regional conferences on systemic improvement in mathematics and science education for teachers and principals. In New Jersey, the Consortium is continuing to work with the SSI, particularly in sponsoring public awareness activities and further development of statewide science standards. In Pennsylvania, the Consortium has sponsored professional development including elementary science teaching, Project 2061, equity, and performance outcomes.

The Mid-Atlantic region is particularly rich in human technical assistance and knowledge-based resources. The individuals and organizations assuming active leadership roles on the Consortium teams include representatives from both public and private schools, State education departments, institutions of higher education and consortia of such institutions (e.g., the Commonwealth Partnership, representing 12 colleges and universities in Pennsylvania), business and in-

and universities in Pennsylvania), business and industry, State mathematics and science coalitions, professional associations, and such "informal" educational agencies as the Franklin Institute in Philadelphia and the Carnegie Science Center in Pittsburgh. These individuals and organizations bring with them years of experience and enormous amounts of insight into providing the technical assistance and knowledge resources that are so greatly needed if the concept of systemic reform is to become more than empty rhetoric.

With regard to technology, the Consortium provides a Web site on the Internet, and promotes communication and networking among teams, regional groups, and educators through the use of electronic networks and forums. The Web site is designed to support mathematics and science educators and reform efforts throughout the region. It provides users with detailed information about Consortium activities, services, and products, and enables users to access an extensive variety of local, regional, and national resources in supporting systemic reform in mathematics and science education.

The Consortium is developing publications and other dissemination mechanisms. Major elements include the Internet sites listed above; a biannual newsletter, as well as informational bulletins, news releases, and journal articles; reports about the national collaboration; and an illustrated guide that helps educators understand the Internet and how it can be used in the classroom.

In addition, other means of communication include regional conferences, conference presentations, State and national conference presentations, Consortium team meetings, and information via telephone and mail.

Although the agenda is extensive, collaboration among the States of the region implies that the whole truly is greater than the sum of its parts. As a result, many coordinated resources will be brought to bear to achieve the goal of systemic reform in the Mid-Atlantic region.

Dr. Keith M. Kershner, Director
Dr. William Geppert, Senior Math Associate
and PA Team Liaison
Dr. Patricia Wang-Iverson, Senior Science
Associate and DC Team Liaison
Dr. Jack Kinslow, Training and Development
Specialist and MD Team Liaison
Dr. John Connolly, NJ Team Liaison
Dr. Louis M. Maguire, DE Team Liaison
Stephen Bouikidis, Dissemination Specialist
Peter Donohoe, Resource Center Coordinator
Dr. Susan Danin, Evaluator

Mid-Atlantic Eisenhower Consortium for
Mathematics and Science Education
Research for Better Schools
444 North Third Street
Philadelphia, PA 19123
(215) 574-9300, ext. 280/Fax: (215) 574-0133
E-mail: mathsci@rbs.org
WWW: <[http://www.rbs.org/eisenhower/
index.html](http://www.rbs.org/eisenhower/index.html)>

Delaware

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Joy G. Sparks, Interim Assistant Director
Human Resources
122 Townsend Hall, University of Delaware
Newark, DE 19717-1303
(302) 831-2509

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Anne T. Fitzgerald
Delaware AICC
Delaware Department of Agriculture
2320 South DuPont Highway
Dover, DE 19901
(302) 739-4811, Ext. 279/Fax: (302) 697-6287

Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the region who are interested in attending college and pursuing science careers.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education, and
Extension Service
Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Department of Commerce (DOC)

Delaware National Estuarine Research Reserve

Ecological and environmental education programs for both students and teachers are offered at the Delaware National Estuarine Research Reserve.

Laura A. Draper Blessing
Education Coordinator
Delaware National Estuarine Research Reserve
Delaware Department of Natural Resources and
Environmental Control
P.O. Box 1401
Dover, DE 19903
(302) 739-3451/Fax: (302) 739-3817

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall
Delaware Sea Grant
700 Pilottown Road
Lewes, DE 19958
(302) 645-4253/Fax: (302) 645-4007

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Jack Cairns
Eisenhower Professional Development Program
Delaware Department of Public Instruction
John G. Townsend Building, P.O. Box 1402
Dover, DE 19903
(302) 739-3742/Fax: (302) 739-4483

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Paul LeMahieu
Eisenhower Professional Development Program
University of Delaware, College of Education
101A Willard Hall
Newark, DE 19716
(302) 831-4433/Fax: (302) 831-4438

Mid-Atlantic Eisenhower Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director
Mid-Atlantic Eisenhower Consortium for
Mathematics and Science Education
444 North Third Street
Philadelphia, PA 19123-4107
(215) 574-9300/Fax: (215) 574-0133

Mid-Atlantic Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director
Mid-Atlantic Regional Educational Laboratory
Temple University
933 Ritter Annex
13th and Cecil B. Moore
Philadelphia, PA 19122
(215) 204-3001

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribauda,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of the Interior (DOI)

Bombay Hook National Wildlife Refuge

Programs at the Bombay Hook National Wildlife Refuge include guided tours and lectures that center on wildlife management. Habitat studies programs are also available.

Division of Interpretation
Bombay Hook National Wildlife Refuge
Route 1, Box 147
Smyrna, DE 19977
(302) 653-9345/Fax: (302) 653-0684

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and Marine Minerals
Minerals Management Service
381 Eldon Street, Mail Stop 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and Governmental Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Nancy Rolli, Project WILD Coordinator
Department of Natural Resources, I&E
P.O. Box 1401
Dover, DE 19903
(302) 739-4506/Fax: (302) 294-0874

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Louis A. Masci, Director
Delaware Department of Labor
Division of Employment and Training
University Plaza, P.O. Box 9499
Newark, DE 19714-9499
(302) 368-6810/Fax: (302) 368-6995

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high

school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for

Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Stephanie Wright
Aviation Education Resource Center
Delaware Teachers Center
Claymont Education Campus
3401 Green Street
Claymont, DE 19703
(302) 798-3806

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
841 Chestnut Street, Mail Stop 3EA20
Philadelphia, PA 19107
(215) 597-9076/Fax: (215) 597-0961

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3
841 Chestnut Street
Philadelphia, PA 19107
(215) 597-6685/Fax: (215) 597-0961

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Delaware Aerospace Center
NASA Regional Teacher Resource Center
500 Duncan Road
Wilmington, DE 19809-2359
(302) 792-3806

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Delaware Space Grant Consortium
Bartol Research Institute
University of Delaware
217 Sharp Laboratory
Newark, DE 19716-4793
(302) 831-1094

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

A primary component of Delaware's Statewide Systemic Initiatives Program is curriculum frameworks. Key objectives include crafting assessment systems that drive and measure desired student performances and building a school and community culture that supports rigorous teaching and learning.

Helen Foss
Department of Public Instruction
P.O. Box 1402
Dover, DE 19903-1402
(302) 739-3721/Fax: (302) 739-2916

Paul LeMahieu, Director
Delaware Educational Research and Development Center
University of Delaware
Newark, DE 19716
(302) 831-4433/Fax: (302) 831-4438

District of Columbia

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Maurice Dorsey
Interim Program Leader
University of the District of Columbia
901 Newton Street NE
Washington, DC 20017
(202) 576-6951

Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the Mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education, and
Extension Service
Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Department of Commerce (DOC)

National Oceanic and Atmospheric Administration (NOAA)

The National Oceanic and Atmospheric Administration coordinates agencywide efforts to educate the public about Earth-systems science and to increase awareness of the Agency's mission. The Teacher at Sea Program provides teachers (K-16, any subject) the opportunity to participate in a field research project along with NOAA scientists aboard a NOAA research vessel.

Joan Maier McKean, Acting Chief
Educational Affairs Office, EA
National Oceanic and Atmospheric
Administration
SSMC4, Room 1W225
1305 East-West Highway
Silver Spring, MD 20910
(301) 713-1170/Fax: (301) 713-1174

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall
Delaware Sea Grant
700 Pilottown Road
Lewes, DE 19958
(302) 645-4253/Fax: (302) 645-4007

Department of Defense (DoD)

The Navy Museum

The Navy Museum chronicles the history of the United States Navy from the Revolution to the present. "User friendly" and interactive, the Museum offers a hands-on approach to interpreting the development of naval weaponry and technology. Curriculum-related tours and programs are available for grades 1 through 12, by reservation.

The Navy Museum
Building 76, Washington Navy Yard
901 M Street SE
Washington, DC 20374-5060
(202) 433-4882/Fax: (202) 433-8200

Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer. Participating organizations located in the District of Columbia are Armed Forces Institute of Pathology (AFIP), Naval Research Laboratory, United States Naval Observatory (USNO), and Walter Reed Army Institute of Research (WRAIR).

Marylin Krupsaw
GWU/SEAS
Science and Engineering Apprentice Program
707 22nd Street NW
Washington, DC 20052
(202) 994-2234

Walter Reed Army Institute of Research

The Walter Reed Army Institute of Research offers science and engineering internships designed for high school students.

Marvin Rogul, Associate Director
Research Marketing and Policy Development
Walter Reed Army Institute of Research
Washington, DC 20307-5100
(202) 782-7580

Washington Navy Yard, Washington, DC

The Washington Navy Yard in Washington, DC, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the National Capital Region.

COMNAVDIST, Washington, DC
Commandant
Naval District Washington
Washington Navy Yard, Building 200
901 M Street SE
Code OOG
Washington, DC 20374-2002
(202) 433-3728

Department of Education (ED)

ENC Capital Collection

Located at The George Washington University in Washington, DC, this minirepository for ENC's K-12 mathematics and science resources is 1 of 12 ENC demonstration sites throughout the Nation. The Capital Collection includes representative materials from the ENC National Collection, highlighting K-12 mathematics and science education materials produced by Federal agencies and commercial publishers. The Capital Collection & Demonstration Site is open year round at hours convenient to teachers. Educators and others may preview curriculum materials included in the Collection and learn how to integrate technology into their classroom activities. Staff and several computer workstations are available for educators who wish to search the ENC Resource Finder for additional resources, including those found via the Internet. Upon request, Capital Collection & Demonstration Site staff will travel to schools in the Washington, DC, metropolitan area to demonstrate ENC Online and other resources.

The George Washington University
Gelman Library-Room B06
2130 H Street NW
Washington, DC 20052
(202) 994-4519/Fax: (202) 994-4520
E-mail: enc@gwis2.circ.gwu.edu

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Bonnie M. Smith
Eisenhower Professional Development Program
District of Columbia Public Schools
415 12th Street NW, Room 1004
Washington, DC 20004
(202) 724-4234/Fax: (202) 727-2739

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Edward Yearwood
Eisenhower Professional Development Program
Office of Postsecondary Education
Research and Assistance, Suite 401
2100 Martin Luther King, Jr. Avenue SE
Washington, DC 20020
(202) 727-3685/Fax: (202) 727-2739

Mid-Atlantic Eisenhower Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director
Mid-Atlantic Eisenhower Consortium for
Mathematics and Science Education
444 North Third Street
Philadelphia, PA 19123-4107
(215) 574-9300/Fax: (215) 574-0133

Mid-Atlantic Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director
Mid-Atlantic Regional Educational Laboratory
Temple University
933 Ritter Annex
13th and Cecil B. Moore
Philadelphia, PA 19122
(215) 204-3001

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of Energy (DOE)

Regional Science Bowl

The Department of Energy sponsors a Regional Science Bowl for District of Columbia high schools. This is a public/private-sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the national competition held each spring.

Sue Ellen Walbridge
Office of Energy Research, ER-7
U.S. Department of Energy
1000 Independence Avenue SW
Washington, DC 20585
(202) 586-7231/Fax: (202) 586-0019

Department of the Interior (DOI)

Earth Science Information Center, Washington, DC

The Washington, DC, Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Washington, DC-ESIC
U.S. Department of the Interior
1849 C Street NW, Room 2650
Washington, DC 20240
(202) 208-4047/Fax: (202) 208-6297
TDD: (202) 219-1510
(800) USA-MAPS

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jim Butler, Project WILD Coordinator
Environmental Regulation Administration
2100 Martin Luther King Jr. Avenue SE
Washington, DC 20020
(202) 404-1145, ext. 3054/Fax: (202) 404-1150

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Daryl Hardy, Deputy Director
Training and Development
Department of Employment Services
500 C Street NW, Suite 600
Washington, DC 20001
(202) 724-7185/Fax: (202) 639-1357

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Terry White
Aviation Education Program (AHR-15)
Federal Aviation Administration
Aviation Education Program
400 Seventh Street SW, Plaza 100
Washington, DC 20590
(202) 366-7018/Fax: (202) 366-3786

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Phillip S. Woodruff
Aviation Education Team Leader
Aviation Education Program (AHR-15)
Federal Aviation Administration
400 Seventh Street SW, Plaza 100
Washington, DC 20590
(202) 366-7018/Fax: (202) 366-3786

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
841 Chestnut Street, Mail Stop 3EA20
Philadelphia, PA 19107
(215) 597-9076/Fax: (215) 597-0961

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3
841 Chestnut Street
Philadelphia, PA 19107
(215) 597-6685/Fax: (215) 597-0961

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

National Air and Space Museum
Smithsonian Institution
Education Resource Center, MRC-305
Washington, DC 20560
(202) 786-2109

University of the District of Columbia
NASA Regional Teacher Resource Center
4200 Connecticut Avenue NW, Mail Stop 4201
Washington, DC 20008
(202) 274-6287/6288/6285

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

District of Columbia Space Grant Consortium
Space Policy Institute
George Washington University
714 Gelman Library
2130 H Street, NW
Washington, DC 20052
(202) 995-2615

Smithsonian Institution

National Air and Space Museum

The National Air and Space Museum's Educational Services Department provides various services to science educators, including collections-based curriculum materials and workshops to assist teachers in utilizing the museum's many resources.

National Air and Space Museum
Educational Services Department
MRC 305
Washington, DC 20560
(202) 357-1504

National Science Resources Center

The National Science Resources Center maintains a comprehensive collection of effective science teaching resource materials. The collection holds more than 5,000 volumes, including materials developed by national curriculum projects, school systems, commercial publishers, and science museums. Educators interested in visiting the collection may call to make arrangements.

Douglas Lapp, Executive Director
National Science Resources Center
MRC 403
Smithsonian Institution
Washington, DC 20560
(202) 357-2555/Fax: (202) 786-2028

National Zoological Park

At the precollege level, the Zoo's education department offers programs, self-guiding materials, learning lab sessions, and teacher workshops. The *National Zoo News* is a yearly newspaper that contains useful teacher information.

Office of Education and Volunteer Services
National Zoological Park
Smithsonian Institution
Washington, DC 20008
(202) 673-4955

Maryland

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Eleanor F. Young
Associate Director, 4-H & HE
University of Maryland
2309 Computer Science Building
College Park, MD 20742-2451
(301) 405-1009

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Steven A. Connelly
Maryland Agricultural Education
2101 East Fort Avenue, Suite 124
Baltimore, MD 21230
(410) 752-0671/Fax: (410) 783-0857

Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the Mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education, and Extension Service
Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Department of Commerce (DOC)

Chesapeake Bay National Estuarine Research Reserve

The Chesapeake Bay National Estuarine Research Reserve offers both in-school and onsite education programs. Reservations are required.

Kathleen Buppert, Education Coordinator
Chesapeake Bay National Estuarine Research
Reserve
Division of Natural Resources
Tawes State Office Building, B-3
580 Taylor Avenue
Annapolis, MD 21401
(410) 974-3382/Fax: (410) 974-2833

National Institute of Standards and Technology

The National Institute of Standards and Technology's Student Programs provide employment for high school, undergraduate, and graduate level students who are pursuing courses in physical sciences, engineering, computer science, or mathematics.

Kimberly J. Goode, Student Coordinator
National Institute of Standards and Technology
Office of Personnel and Civil Rights
Administration Building, Room A123
Gaithersburg, MD 20899
(301) 975-3026

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall
Delaware Sea Grant
700 Pilottown Road
Lewes, DE 19958
(302) 645-4253/Fax: (302) 645-4007

Department of Defense (DoD)

National Security Agency (NSA)

The National Security Agency sponsors a Mathematics Speakers Bureau that offers a variety of fun and fascinating mathematics and science talks to elementary, middle, or high school students by members of the NSA mathematics and science community. The objective is to increase the student's interest in mathematics and science and present instruction that models the recommendations of the National Council of Teachers of Mathematics Standards. A catalog of topics is available.

National Security Agency
Attention: D5 (MEPP)
Fort Meade, MD 20755-6000
(301) 688-6214

Naval Air Station (NAS), Patuxent River

The Naval Air Station at Patuxent River, Maryland, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

NAS Patuxent River MD
Commander
Naval Air Station
Code NAS ADMIN
Patuxent River, MD 20670-5304
(301) 826-1016

Naval Air Test and Evaluation Museum

The Naval Air Test and Evaluation Museum depicts the history of testing and evaluating U.S. naval aircraft. Exhibits include actual aircraft, a cockpit trainer, and hands-on displays. Admission is free and tours are available upon request.

Naval Air Test and Evaluation Museum
Naval Air Warfare Center
P.O. Box 407
Patuxent River, MD 20670-5304
(301) 863-7418

Science and Engineering Apprenticeship Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students

attending school near the participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer. The following are participating organizations in the State of Maryland:

Barbara Schmidt
Army Environment Center (AEC)
Aberdeen Proving Ground, MD 21010-5401

Dr. David Lenz
Army Medical Research Institute of Chemical
Defense (MRICD)
Aberdeen Proving Ground, MD 21010-5425
(410) 671-2455

Dr. Carol Linden
Army Medical Research Institute of Infectious
Diseases (MRIID)
Ft. Detrick, MD 21702-5011
(301) 619-2767

George Klem
Army Research Laboratory (ARL-APG)
Aberdeen Proving Ground, MD 21005-5066
(410) 278-6807

Steve Kistner
Center for Health Promotion & Preventive
Medicine (CHPPM)
MCHB-ZA, Building E-2100
Aberdeen Proving Ground, MD 21010-5422
(410) 671-2307

Phyllis Scales
Edgewood Research, Development & Engineering
Center (ERDEC)
Aberdeen Proving Ground, MD 21010-5423
(410) 671-5722

Bobbie Everett
Naval Air Warfare Center Aircraft Division
(NAWC-AD)
Patuxent River, MD 20670-5304
(301) 342-3734, ext. 107

Sylvia Rhodes
Naval Surface Warfare Center Indian Head
Division (NSWC-IH)
101 Strauss Avenue, Code 061A
Indian Head, MD 20640-5035
(301) 743-6525

The following participating organizations are also located in Maryland:

Armed Forces Radiobiology Research Institute
(AFRRI)
Bethesda, MD

Army Research Laboratory
Adelphi, MD (ARL-A)

Naval Air Warfare Center Aircraft Division
(NAWC-AD)
Patuxent River, MD

Naval Dental Research Institute, Detachment
Bethesda, MD

Naval Surface Warfare Center
Annapolis, MD (NSWC-A)
Carderock, MD (NSWC-C)
White Oak, MD (NSWC-WO)

Uniformed Services University of the Health
Sciences
Bethesda, MD

United States Naval Academy (USNA)
Annapolis, MD

Walter Reed Army Institute of Research (WRAIR)
Gaithersburg, MD
Rockville, MD
Wheaton, MD

For information on the above programs, contact:

Marylin Krupsaw
GWU/SEAS
Science and Engineering Apprentice Program
707 22nd Street NW
Washington, DC 20052
(202) 994-2234

U.S. Naval Academy, Annapolis

The U.S. Naval Academy (USNA) in Annapolis, Maryland, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

USNA, Annapolis MD
Superintendent
U.S. Naval Academy
Human Programs Office, Stop 1J
121 Blake Road
Annapolis, MD 21402-5000
(410) 293-2293

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. June Danaher
Section Chief and Specialist in Mathematics
Eisenhower Professional Development Program
Maryland Department of Education
200 West Baltimore Street
Baltimore, MD 21204-2595
(410) 767-0300/Fax: (410) 333-2379

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Linarda Tyler, Director of Grants and Contracts
Eisenhower Professional Development Program
Maryland Higher Education Commission
16 Francis Street
Annapolis, MD 21401-1781
(410) 974-2467/Fax: (410) 974-3513

Mid-Atlantic Eisenhower Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director
Mid-Atlantic Eisenhower Consortium for
Mathematics and Science Education
444 North Third Street
Philadelphia, PA 19123-4107
(215) 574-9300/Fax: (215) 574-0133

Mid-Atlantic Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director
Mid-Atlantic Regional Educational Laboratory
Temple University
933 Ritter Annex
13th and Cecil B. Moore
Philadelphia, PA 19122
(215) 204-3001

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of Energy (DOE)

Regional Science Bowl

The Department of Energy sponsors a Regional Science Bowl for Maryland high schools. This is a public/private-sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the national competition held each spring.

Joni Boone/Jill Gollner of Apex Technology
Office of Environmental Management, EM-121
U.S. Department of Energy
1000 Independence Avenue SW
Washington, DC 20585
(301) 428-1323/Fax: (301) 428-1325

Department of the Interior (DOI)

Assateague Island National Seashore

Onsite environmental activities such as beachcombing and marsh studies are available to students at all grade levels at the Assateague Island National Seashore. Previsit curriculum materials and guided tours are also available.

Office of Interpretation
National Park Service
Assateague Island National Seashore
Route 611, 7206 National Seashore Lane
Berlin, MD 21811
(410) 641-1441

Blackwater National Wildlife Refuge

In addition to guided walks and bus tours, the Blackwater National Wildlife Refuge also offers summer environmental education programs.

Outdoor Recreation Planner
Blackwater National Wildlife Refuge
2145 Key Wallace Drive
Cambridge, MD 21613
(410) 228-2677/Fax: (410) 228-3261

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides a range of educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and
Marine Minerals
Minerals Management Service
381 Eldon Street, Mail Stop 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and
Governmental Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Earl Hodil, Project WILD Coordinator
Fish, Heritage, and Wildlife Administration
Tawes State Office Building
580 Taylor Avenue
Annapolis, MD 21401
(410) 974-3195/Fax: (410) 974-3587

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Gary Moore, Executive Director
Maryland Office of Employment and Training
1100 North Eutaw Street, Room 314
Baltimore, MD 21201
(410) 333-7200/Fax: (410) 462-4291

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for FAA materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Abraham D. Spinak, Director
University of Maryland Eastern Shore
Airway Science Program
Princess Anne, MD 21853-1299
(401) 651-6489

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
841 Chestnut Street, Mail Stop 3EA20
Philadelphia, PA 19107
(215) 597-9076/Fax: (215) 597-0961

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3
841 Chestnut Street
Philadelphia, PA 19107
(215) 597-6685/Fax: (215) 597-0961

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

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NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Maryland Space Grant Consortium
Bloomberg Center for Physics and Astronomy
3400 North Charles Street
Baltimore, MD 21218-2695
(410) 516-7350

Smithsonian Institution

Smithsonian Environmental Research Center

The Smithsonian Environmental Research Center occupies 2,600 acres of the Rhode River tidal river

system, and is part of a network of sites conducting ecological research relevant to their geographic regions. The Center provides a broad range of educational activities, including teacher-led field trips, self-guided nature trails, guided tours, and workshops. Research opportunities are available for student interns and professionals.

Smithsonian Environmental Research Center
P.O. Box 28
Edgewater, MD 21037
(301) 261-4190/Fax: (301) 261-7954
E-mail: haddon@serc.si.edu

New Jersey

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Mary Jane Willis
4-H Interim Chair
Cook College, Waller Hall
P.O. Box 231
New Brunswick, NJ 08903
(908) 932-9704

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Joni Elliot
New Jersey Department of Agriculture
CN 330
Trenton, NJ 08625
(609) 292-8897 or 633-7463/Fax: (609) 292-3978

Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the Mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education, and
Extension Service
Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall
Delaware Sea Grant
700 Pilottown Road
Lewes, DE 19958
(302) 645-4253/Fax: (302) 645-4007

Department of Defense (DoD)

Armament Research, Development, and Engineering Center

The Center offers both student hire and student apprenticeship programs, as well as outreach assistance to nearby schools. Special tours of the arsenal museum are also available.

U.S. Army, ARDEC
Public Affairs Office
Picatinny Arsenal, NJ 07806-5000
(201) 724-6365

Math & Science 2000

Under the Math & Science 2000 initiative, Ft. Monmouth has adopted 10 local schools. Volunteers assist with science fairs, demonstrations for teachers and students, satellite training, and tours of the Research, Development, and Engineering Center laboratories and equipment. The program highlights careers in science, mathematics, and engineering.

Marilyn Guest
U.S. Army CECOM
RD&E Center
Attn: AMSEL-RD-ADO-MS
Ft. Monmouth, NJ 07703-5201
(908) 532-0350

Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Marilyn Guest
Army Communications Electronic Command
(CECOM)
Ft. Monmouth, NJ 07703-5200
(908) 532-0350

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Iris Nagler
Eisenhower Professional Development Program
Bureau of Curriculum and Technology
New Jersey Department of Education
CN 500
Trenton, NJ 08625-0500
(609) 984-6031/Fax: (609) 292-7276

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Maria Rosado/Iris Nagler
Eisenhower Professional Development Program
New Jersey Department of Education
Division of Academic Programs and Standards
240 West State Street, CN 500
Trenton, NJ 08625
(609) 633-8014/Fax: (609) 633-9825
(609) 984-6031

Mid-Atlantic Eisenhower Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director
Mid-Atlantic Eisenhower Consortium for
Mathematics and Science Education
444 North Third Street
Philadelphia, PA 19123-4107
(215) 574-9300/Fax: (215) 574-0133

Mid-Atlantic Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director
Mid-Atlantic Regional Educational Laboratory
Temple University
933 Ritter Annex
13th and Cecil B. Moore
Philadelphia, PA 19122
(215) 204-3001

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of Energy (DOE)

Princeton Plasma Physics Laboratory

Princeton Plasma Physics Laboratory welcomes field trips and provides guided tours of its facility. The laboratory also sponsors summer teacher enhancement institutes for New Jersey and Pennsylvania teachers. Research opportunities are available for local high school students and teachers, and undergraduates across the United States.

Diane Carroll, Head, Science Education Program
Princeton Plasma Physics Laboratory
Princeton University, James Forrestal Campus
P.O. Box 451, Route 1
Princeton, NJ 08543
(609) 243-2107/Fax: (609) 243-2749
E-mail: dcarroll@pppl.gov

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental
Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine
Minerals
Minerals Management Service
381 Eldon Street, Mail Stop 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Miriam Dunne, Project WILD Coordinator
Division of Fish, Game, and Wildlife
Request Center, Rural Route 1, Box 389
Oxford, NJ 07863
(908) 637-4125/Fax: (908) 637-6735

Larry Sarner, Aquatic WILD Coordinator
Division of Fish, Game, and Wildlife
P.O. Box 418
Port Republic, NJ 08241
(609) 748-2031/Fax: (609) 748-2032

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act

State and local programs for economically disadvantaged adults and youth.

Raymond L. Bramucci, Commissioner
State of New Jersey Department of Labor
CN110
Trenton, NJ 08625
(609) 292-2323/Fax: (609) 633-9271

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Carleen Genna, ACM-120
FAA Aviation Education Representative
Atlantic City International Airport
Human Resource Management Division
Atlantic City, NJ 08405
(609) 485-6630/Fax: (609) 485-4391

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Martha Poci
Aviation Education Resource Center
Northeast Curriculum Coordination Center
Division of Vocational Education
Crest Way
Aberdeen, NJ 07747
(908) 290-1900

Paul Rigby
Aviation Education Resource Center
Atlantic Community College
5100 Black Horse Pike
Mays Landing, NJ 08330
(609) 343-5113

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
26 Federal Plaza, Mail Stop Room 905
New York, NY 10278
(212) 637-3671/Fax: (212) 637-4445

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States

and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 2
290 Broadway
New York, NY 10007
(212) 637-3678/Fax: (212) 597-6685

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may

preview NASA materials at these RTRCs or make copies of the materials.

Georgian Court College
NASA Regional Teacher Resource Center
900 Lakewood Avenue
Lakewood, NJ 08701-2697
(908) 364-2200, ext. 479

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Jersey Space Grant Consortium
Stevens Institute of Technology
Castle Point on the Hudson
Hoboken, NJ 07030
(201) 216-8964

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

New Jersey's Statewide Systemic Initiatives Program strengthens mathematics, science, and technology education in grades K-8 through professional support networks among schools and 14 partner institutions. The establishment of models for K-12 reform is being achieved through partnerships, representing a cross section of the State's economically and culturally diverse resources. The program includes a set of new policy initiatives and State commitments.

Rebecca Luketkin, Deputy Project Director
Consortium for Educational Equity
4090 Livingston Campus
Rutgers University
New Brunswick, NJ 08903
(908) 445-2071/Fax: (908) 445-0027
E-mail: luketki@gardalf.rutgers.edu

Pennsylvania

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Katherine Fennelly
State 4-H Leader and Department Head
4-H and Youth Development
The Pennsylvania State University
323 Agriculture Administration
University Park, PA 16802-2601
(814) 865-1688

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Pat Sueck
534 Kennedy Road
Arrville, PA 17302
(717) 862-3486

Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the Mid-Atlantic region who are interested in attending college and pursuing science careers.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education,
and Extension Service, Room 3345-S
14th Street and Independence Avenue SW
Washington, DC 20250-2200
(202) 720-3511

Department of Defense (DoD)

Science and Engineering Apprenticeship Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Roseann Castonguay
Naval Surface Warfare Center
Philadelphia (NSWC-P)
EEO, Code 3250.2
Philadelphia, PA 19112-5087
(215) 897-7642

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Jacqueline B. Jackson
Eisenhower Mathematics and Science Program
Division of Federal Programs
Pennsylvania Department of Education
333 Market Street, Seventh Floor
Harrisburg, PA 17126-0333
(717) 787-7117/Fax: (717) 783-6900

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Linda J. Benedetto
Eisenhower Professional Development Program
Pennsylvania Department of Education
Bureau of Postsecondary Services
333 Market Street, 12th Floor
Harrisburg, PA 17126-0333
(717) 772-3623/Fax: (717) 783-0583

Mid-Atlantic Eisenhower Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Keith Kershner, Director
Mid-Atlantic Eisenhower Consortium for
Mathematics and Science Education
444 North Third Street
Philadelphia, PA 19123-4107
(215) 574-9300/Fax: (215) 574-0133

Mid-Atlantic Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Margaret Wang, Executive Director
Mid-Atlantic Regional Educational Laboratory
Temple University
933 Ritter Annex
13th and Cecil B. Moore
Philadelphia, PA 19122
(215) 204-3001

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaud,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of Energy (DOE)

Pittsburgh Energy Technology Center

Pittsburgh Energy Technology Center programs include a consortium for high school students and technology seminars for teachers.

Fred Brown
Pittsburgh Energy Technology Center
Office of Research and Development
P.O. Box 10940
Pittsburgh, PA 15236
(412) 892-5942/Fax: (412) 892-6204

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

John Heinz National Wildlife Refuge

In addition to an environmental education materials library, the John Heinz National Wildlife Refuge offers several teacher workshops that promote teacher use of the Refuge. There are demonstration activities and consultations which explain how to use the Refuge.

Outdoor Recreation Planner
John Heinz National Wildlife Refuge
Scott Plaza Two, Suite 104
Philadelphia, PA 19113
(215) 521-0662/Fax: (215) 521-0611

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Carl Richardson, Project WILD Coordinator
Pennsylvania Fish and Boat Commission
P.O. Box 67000
Harrisburg, PA 17106-7000
(717) 557-4518/Fax: (717) 557-4549

Theresa Alberici, Project WILD Coordinator
Division of Information and Education
Pennsylvania Game Commission
2001 Elmerton Avenue
Harrisburg, PA 17110-9797
(717) 787-6286/Fax: (717) 783-2411

Upper Delaware Scenic and Recreational River

Programs at the Upper Delaware Scenic and Recreational River include guided walks that focus primarily on the River's ecology. In-school presentations may be requested.

Division of Interpretation
Upper Delaware Scenic and Recreational River
P.O. Box C
Narrowsburgh, NY 12764
(717) 729-7135

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Robert N. Grant, Executive Deputy Secretary
Department of Labor and Industry
Seventh and Forster Streets, Room 1700
Harrisburg, PA 17120
(717) 787-3157/Fax: (717) 783-5225

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Robert Powell, Assistant Professor
Community College of Beaver County
Aviation Sciences Center
125 Cessna Drive
Beaver Falls, PA 15010-1080
(412) 847-7000

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental

issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
841 Chestnut Street, Mail Stop 3EA20
Philadelphia, PA 19107
(215) 597-9076/Fax: (215) 597-0961

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 3
841 Chestnut Street
Philadelphia, PA 19107
(215) 597-6685/Fax: (215) 597-0961

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs

Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Pittsburgh School of Education
Computer Curriculum Information Center
NASA Regional Teacher Resource Center
230 South Boquet Street
Pittsburgh, PA 15260
(412) 648-7560/7558

Space Grant Consortium

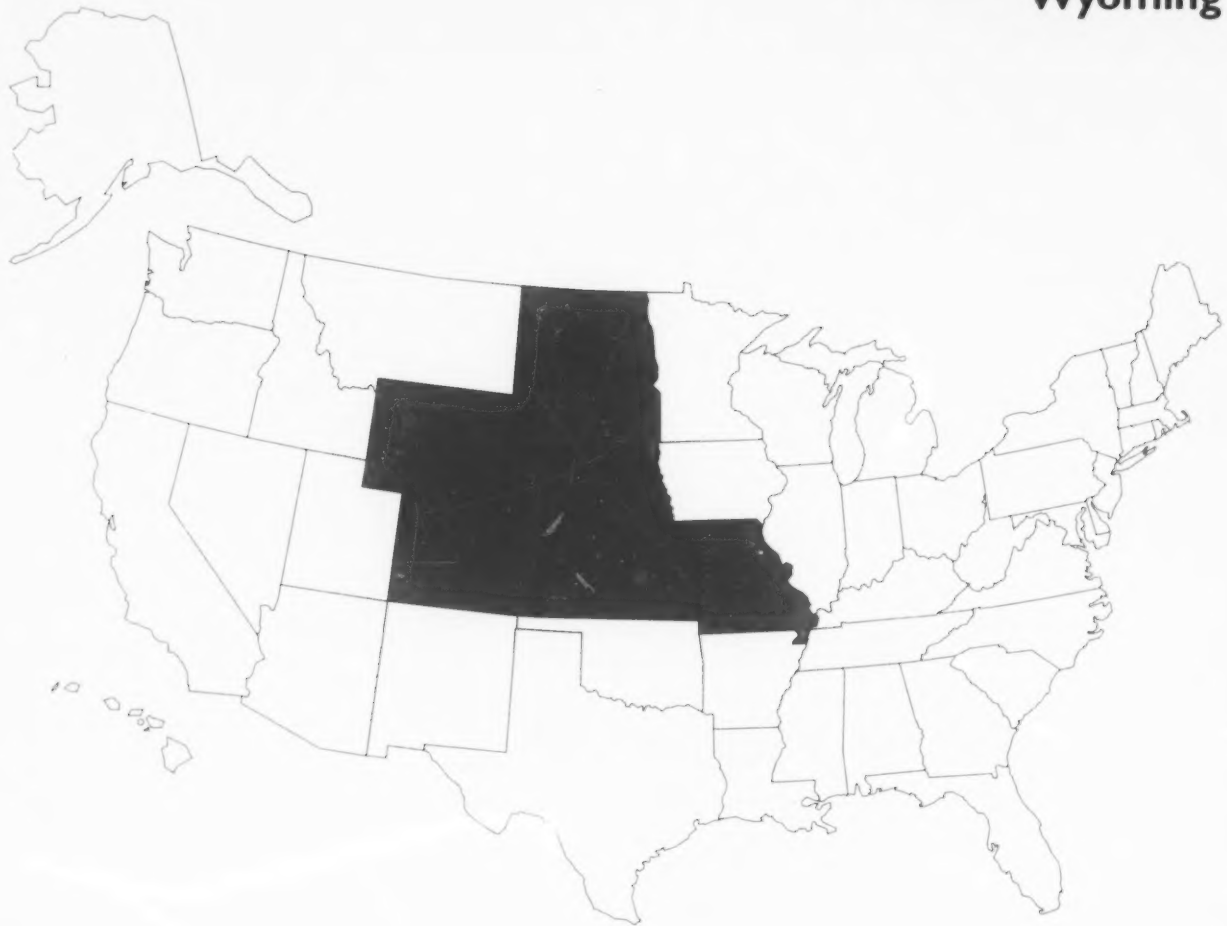
The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Pennsylvania Space Grant Consortium
The Pennsylvania State University
101 South Frear
University Park, PA 16802
(814) 863-7688

Mid-continent

Areas Served:

**Colorado, Kansas,
Missouri, Nebraska,
North Dakota,
South Dakota, and
Wyoming**



Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower High Plains Consortium (HPC) for Mathematics and Science is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Consortium and the Mid-continent Regional Educational Laboratory (McREL) serve a seven-State region. HPC enhances and builds on existing resources, creating new partnerships that span district and State boundaries, and link private and public schools, businesses, and industries. The Consortium facilitates ongoing projects, links programs through established communication networks, and maximizes the impact of existing resources in the seven-State region. Efforts are focused on four specific functions—communication, professional development, curriculum frameworks, and institutionalization.

In the area of communication, HPC promotes the use of electronic communication both within each State and within the region. Every attempt is made to work collaboratively with partners in each State to make technology more accessible to teachers and students. HPC has set up a listserv for mathematics educators that is accessible on the Internet. Conference calls initiated by the Consortium are used to promote communication among job-alike groups, such as the Statewide Systemic Initiative (SSI) State coordinators. HPC also serves as a facilitator to various groups throughout the region on a variety of topics.

In the area of professional development, HPC has worked with key groups in each State, including the State education agency, to aid in the coordination of multiple State-level initiatives. These initiatives include emerging State curriculum frameworks and the teacher training necessary to refine, adapt, adopt, and implement at the local level. HPC also provides

professional development on alternative assessment and curriculum framework development to numerous school districts upon request. Professional development opportunities with optional graduate credit are being provided or cosponsored by HPC during the summer in several States. HPC staff expertise in mathematics and science serves as a resource for teachers from kindergarten through post-secondary school.

In the area of curriculum framework development and refinement, HPC provides staff expertise and two Laboratory Network Program documents, *Curriculum Frameworks Analysis Tool* and *A Summary of Analyzed State Curriculum Frameworks*. HPC also has worked closely with State groups to facilitate the planning and writing of various grants to assist the State framework development process.

In the area of institutionalization, the State-level advisory teams are establishing a coordinated professional development effort within each State. Additionally, the shift from producing an HPC newsletter to submitting articles to State-level educational newsletters reflects an institutionalization process.

To assist teachers in their efforts to improve instructional practice, HPC seeks to identify "Promising Practices." The process has resulted in the identification of five programs to date. These programs are:

- **CMEA-MESA** is a multidisciplinary studies program in Denver, Colorado, which develops interest in science, engineering, and related fields, targeting minority student participation from grades 6–12. The program stimulates career awareness and motivation through field trips, role model speakers, competitions, incentive awards, college and career counseling, summer enrichment opportunities, and internships.
- **MathVantage** is a product of Nebraska mathematics teachers under the direction of the Nebraska Mathematics and Science Coalition in Lincoln. The MathVantage materials target 7th- and 8th-grade

students, presenting mathematics from a different perspective—a different “vantage” point. These materials demonstrate a relevancy to the student’s life and emphasize active participation on the part of the student.

- **Teaching Science Concepts Using Discrepant Events** from Kansas State University in Manhattan is a compilation of more than 250 scientific discrepant events that can be used by teachers of Earth science, physics, chemistry, and biology in upper-elementary or middle schools to stimulate students’ interest and motivation. These discrepant events are written as hands-on investigation activities and minds-on exercises.
- **Small Scale Science—STAR³** program provides teachers of middle-level science (grades 5–9) with the necessary confidence and skills to employ small-scale science in the classroom. The program comprises an inquiry-based series of hands-on experiments that have been used successfully from upper-elementary through university classrooms.
- **K–6 Science and Mathematics Enhancement Program (KSAM)** from Southeast Missouri State University encourages the utilization of an effective, process-based instructional strategy in K–6 science and mathematics. KSAM provides teachers with process-based activities and training in addition to pertinent materials and support.

For additional information about these or other promising practices from around the country, contact HPC.

Dr. John Sutton, Senior Director/Mathematics and Collaboration

Dr. Ceri Dean, Senior Associate/Mathematics and Action Research

Elaine DeBassige, Administrative Assistant/Conference Coordination

Amy Garcia, Administrative Assistant/Desktop Publishing and Web Support

Dr. Martha Henry, Senior Associate/Science and Urban Initiatives

Jeff Johnson, Senior Associate/Technology, Mathematics and Case Studies

Alice Krueger, Senior Associate/Science and Collaboration

Therese Sarah, Senior Specialist/McREL Webmaster

Phyllis Thomas, Senior Associate/Evaluation

Eisenhower High Plains Consortium
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387
WWW: <<http://www.mcrel.org/hpc>>

Colorado

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dorothy H. Martin, Assistant Director
4-H Youth Development
Colorado State University
123 Aylesworth Hall NW
Fort Collins, CO 80523
(303) 491-6421

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Helen Davis
Colorado Department of Agriculture
700 Kipling, #4000
Lakewood, CO 80215-5894
(303) 239-4114/Fax: (303) 866-4073

Bette Blinde
28276 WRC15
Windsor, CO 80550
(303) 686-7806

Department of Commerce (DOC)

Environmental Research Laboratories

The Environmental Research Laboratories offer guided tours, curriculum materials, and in-class presentations.

Carol Knight
National Oceanic and Atmospheric
Administration
Office of Oceanic and Atmospheric Research
Environmental Research Laboratories
325 Broadway
Boulder, CO 80303-3328
(303) 497-6401

National Institute of Standards and Technology

The National Institute of Standards and Technology's Student Programs provide employment for high school, undergraduate, and graduate-level students who are pursuing courses in physical sciences, engineering, computer science, or mathematics.

Mary Bruner
National Institute of Standards and Technology
325 Broadway, Mail Stop 360.06
Boulder, CO 80303
(303) 497-5507

Department of Education (ED)

Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director
Eisenhower High Plains Consortium for
Mathematics and Science
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990 Fax: (303) 337-3005
(800) 949-6387

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Mattye Pollard-Cole
Eisenhower Professional Development Program
Colorado Department of Education
201 East Colfax Avenue
Denver, CO 80203
(303) 866-6763/Fax: (303) 830-0793

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Sharon Samson, Academic Officer
Colorado Commission on Higher Education
1300 Broadway, Second Floor
Denver, CO 80203
(303) 866-2723/Fax: (303) 860-9750

Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director
Mid-continent Regional Educational Laboratory
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

Department of Energy (DOE)

National Renewable Energy Laboratory

National Renewable Energy Laboratory (NREL) provides teacher workshops, student internships, and summer programs for students and teachers. NREL works with several partnership programs, including NSF Colorado Statewide Systemic Initiative. NREL conducts student competitions and is the national contact for the Junior Solar Spring Competition.

Linda Lung, Education Programs Manager
1617 Cole Boulevard, Building 15
Golden, CO 80401-3933
(303) 275-3044/Fax: (303) 275-3076
E-mail: linda_lung@nrel.gov

Rocky Flats Plant

The Rocky Flats Plant sponsors teacher workshops and programs for students, along with a variety of outreach assistance and support programs.

Laura Schachter
Rocky Flats Office
P.O. Box 928
Golden, CO 80402-0928
(303) 966-2200/Fax: (303) 966-3418

Western Area Power Administration (WAPA)

The Western Area Power Administration conducts the Colorado Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. Participants in the competition include Native American and other minority students from the State of Colorado. The regional winner advances to the National Competition, held each spring in Washington, DC.

Mary D'Amato
Western Area Power Administration-Loveland
P.O. Box 3700
Golden, CO 80539
(303) 490-7201/Fax: (303) 490-7213

Ernie Baier
Western Area Power Administration-Montrose
1800 South Rio Grande Avenue
Montrose, CO 81401
(303) 240-6248/Fax: (303) 240-6254

Department of the Interior (DOI)

Anasazi Heritage Center

The Anasazi Heritage Center provides resources and classroom activities in such areas as archaeology, geography, science, history, and English.

Anasazi Heritage Center
27501 Highway 184
P.O. Box 758
Dolores, CO 81323
(303) 882-4811

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Public Affairs Specialist
Bureau of Land Management
Colorado State Office
Office of External Affairs
2850 Youngfield Street
Lakewood, CO 80215
(303) 239-3671

Bureau of Reclamation Environmental Education

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and at some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh
Environmental Education Coordinator
Denver Federal Center, D-5100
Building 67
Denver, CO 80225
(303) 236-9336, ext. 223/Fax: (303) 236-3573

Bureau of Reclamation Hydraulic Laboratory

The Bureau of Reclamation Hydraulic Laboratory offers tours and demonstrations of working models of reclamation projects, including the modern and unique instrumentation and testing equipment used by engineers and scientists.

Research Director
Bureau of Reclamation
P.O. Box 25007 (D-3700)
Denver, CO 80225-0007
(303) 236-5981

Colorado National Monument

The Colorado National Monument offers guided walks and teacher guides that focus primarily on environmental education and geology.

Division of Interpretation
Colorado National Monument
Fruita, CO 81521
(303) 858-3617

Curecanti National Recreation Area

In the spring and fall, Curecanti National Recreation Area offers environmental education outreach programs for grades K-8. Curriculum materials are provided for both teachers and students. Educators may choose in-class presentations or onsite day field trips.

Curecanti National Recreation Area
102 Elk Street
Gunnison, CO 81230
(303) 641-2337

Earth Science Information Center, Lakewood

The Lakewood Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Lakewood-ESIC
Denver Federal Center, MS 504
Box 25046, Building 810
Denver, CO 80225-0046
(303) 236-5829/Fax: (303) 202-4188
(800) USA-MAPS

Mesa Verde National Park

The Mesa Verde National Park offers guided tours and teacher guides for educators. Programs concentrate primarily on anthropology and history.

Division of Interpretation
Mesa Verde National Park
P.O. Box 8
Mesa Verde National Park, CO 81330
(303) 529-4465

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides a range of educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Royalty Management Program
Minerals Management Service
Office of Public Affairs
1201 Elmwood Park Boulevard, Mail Stop 500
P.O. Box 25168
Lakewood, CO 80225
(303) 231-3162/Fax: (303) 231-3780

Morrow Point Dam Visitor Center

Located on the Gunnison River, the Morrow Point Dam Visitor Center offers information and self-guided tours of the facility.

Public Affairs Office
Upper Colorado Region
Bureau of Reclamation
P.O. Box 11568 (UC-140)
Salt Lake City, UT 84147-0568
(801) 524-6477

Project Water Education for Teachers (WET)

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Chris Bridges, Project WET Coordinator
Colorado Water Conservation Board
1313 Sherman Street, Room 721
Denver, CO 80203
(303) 866-3441

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jeff Rucks, Acting Project WILD Coordinator
Colorado Division of Wildlife
6060 North Broadway
Denver, CO 80216
(303) 291-7262, ext. 7300/Fax: (303) 294-0874

Ridgeway Dam Visitor Center

The Ridgeway Dam Visitor Center offers self-guided nature walks and educational programs for students.

Public Affairs Office
Upper Colorado Region
Bureau of Reclamation
P.O. Box 11568 (UC-140)
Salt Lake City, UT 84147-0568
(801) 524-6477

Rocky Mountain National Park

Programs at the Rocky Mountain National Park include guided nature tours and lectures that focus on geology, ecology, and environmental education.

Division of Interpretation
Rocky Mountain National Park
Estes Park, CO 80517
(303) 586-2371

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Leslie S. Franklin, Executive Director
Governor's Job Training Office
720 South Colorado Boulevard, Suite 550
Denver, CO 80222
(303) 758-5020/Fax: (303) 758-5578

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Jonathan R. Burke, Assistant Professor
Aviation Education Resource Center
Metropolitan State College of Denver
Aerospace Science Department
Campus Box 30, P.O. Box 173362
Denver, CO 80217-3362
(303) 556-2923

Dr. Jerry Brown, Educational Director
Aviation Education Resource Center
U.S. Space Foundation
2860 South Circle Drive, Suite 2301
Colorado Springs, CO 80906-4181
(719) 576-8000

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
999 18th Street, Suite 500
One Denver Place, Mail Stop OCPI
Denver, CO 80202-2405
(303) 312-6605/Fax: (303) 294-7665

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the

President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8
One Denver Place
999 18th Street
Denver, CO 80202-2405
(303) 294-1113/Fax: (303) 294-7665

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice
Center Education Programs Officer
Public Affairs Office AP2
NASA Johnson Space Center
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-1257

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space Foundation
NASA Regional Teacher Resource Center
2860 South Circle Drive, Suite 2301
Colorado Springs, CO 80906-4184
(719) 576-8000

NASA Johnson Space Center
Teacher Resource Center
Mail Code AP-2
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-8696

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Colorado Space Grant Consortium
University of Colorado at Boulder
Campus Box 520
Boulder, CO 80309-0520
(303) 492-3141

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

The Colorado Statewide Systemic Initiatives Program, Pursuing Equity, Achievement, and Knowledge for Students in Mathematics and Science Education (PEAKS), seeks to develop a centralized enabling structure for bottom-up changes by making extensive use of existing, successful efforts. This program uses the State's "local catalyst partnership," regional collaboratives, and a State infrastructure to engage the public, link standards development with actual change, and provide leadership.

Richard Laughlin
Colorado Department of Education
201 East Colfax Avenue
Denver, CO 80203
(303) 894-2140/Fax: (303) 894-2141

Henry Heikkinen
University of Northern Colorado
Department of Chemistry
Greeley, CO 80639
(303) 351-1289, ext. 1280/Fax: (303) 351-1269

Kansas

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. C.R. Salmon
Assistant Extension Director
4-H and Youth Development
Kansas State University
Umberger Hall, Room 201
Manhattan, KS 66506-3404
(913) 532-5800

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Jamie Clover Adams
Kansas Fertilizer and Chemical Association
P.O. Box 1517
Topeka, KS 66601-1517
(913) 234-0463/Fax: (913) 234-2930

Sharon Tally
Kansas State University
124 Bluemont Hall
Manhattan, KS 66506
(913) 532-7946/Fax: (913) 532-7304

Department of Education (ED)

Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director
Eisenhower High Plains Consortium for
Mathematics and Science
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387
E-Mail: jsutton@mcrel.org

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Kenneth Gentry
Eisenhower Professional Development Program
Kansas Department of Education
120 East 10th Street
Topeka, KS 66612-1182
(913) 296-2306/Fax: (913) 296-7933

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. John F. Welsh
Eisenhower Professional Development Program
Kansas Board of Regents
400 SW Eighth Street, Suite 609
Topeka, KS 66603
(913) 296-3421/Fax: (913) 296-0983

Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tira Waters, Executive Director
Mid-continent Regional Educational Laboratory
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors
South Central Regional Technology in
Education Consortium
Dole Human Development Building, Suite 2021
University of Kansas
Lawrence, KS 66045
(913) 864-0710/Fax: (913) 864-4149
E-mail: jchaffin@quest.sped.ukans.edu

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502-0115
(505) 438-7841

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Roland Stein, Project WILD Coordinator
Kansas Department of Wildlife and Parks
Rural Route 2, Box 54A
Pratt, KS 67124
(316) 672-5911/Fax: (316) 672-6020

Connie Elpers, Project WILD Coordinator
455 North Main, 11th Floor
Wichita, KS 67202
(316) 722-7979/Fax: (316) 268-4567

Quivira National Wildlife Refuge

Quivira National Wildlife Refuge offers teacher workshops to educators who wish to use the Refuge as an outdoor classroom.

Quivira National Wildlife Refuge
Route 3, Box 48A
Stafford, KS 67578
(316) 486-2393/Fax: (316) 486-2394

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Joe Dick, Secretary
Kansas Department of Human Resources
401 Topeka Boulevard
Topeka, KS 66603
(913) 296-7474/Fax: (913) 296-0179

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Edward E. Berger, President
Aviation Education Resource Center
Hutchinson Community College
1300 North Plum
Hutchinson, KS 67501
(316) 665-3505

Karlene Propst
Aviation Education Resource Center
Kansas State University, Salina
Tullis Library
2408 Scanlan Avenue
Salina, KS 67401
(913) 825-0275

Patricia Altwegg
Cloud County Community College
Box 1002
2221 Campus Drive
Concordia, KS 66901
(800) 729-5101

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
726 Minnesota Avenue
Kansas City, KS 66101
(913) 551-7003/Fax: (913) 551-7066

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 7
726 Minnesota Avenue
Kansas City, KS 66101
(913) 551-7003/Fax: (913) 552-7006

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice
Center Education Programs Officer
Public Affairs Office AP2
NASA Johnson Space Center
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-1257

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center
Teacher Resource Center
Mail Code AP-2
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-8696

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Kansas Cosmosphere and Space Center
NASA Regional Teacher Resource Center
1100 North Plum
Hutchinson, KS 67501-1499
(316) 662-2305
(800) 397-0330

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Kansas Space Grant Consortium
University of Kansas
Department of Aerospace Engineering
2004 Learned Hall
Lawrence, KS 66045-2221
(913) 864-4265

Missouri

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gerry Westwood
Director, 4-H Youth
University of Missouri
212 Whitten Hall
Columbia, MO 65211
(314) 882-7430

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Diane Olsen
Missouri Farm Bureau
P.O. Box 568
Jefferson City, MO 65102
Fax: (314) 893-1540

Department of Defense (DoD)

U.S. Army Engineer Museum

The U.S. Army Engineer Museum offers guided tours and educational programs that focus on aspects of military engineering. Reservations are required.

U.S. Army Engineer Museum
Attention: ATZT-PTM-PM
Fort Leonard Wood, MO 65473-5165
(573) 596-0780

Department of Education (ED)

Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director
Eisenhower High Plains Consortium for
Mathematics and Science
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990 / Fax: (303) 337-3005
(800) 949-6387
E-Mail: jsutton@mcREL.org

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Betty Lohraff
Director, Instructional Improvement and
Resources
Eisenhower Professional Development Program
Missouri Department of Elementary and
Secondary Education
P.O. Box 480
Jefferson City, MO 65102
(314) 751-9053 / Fax: (314) 751-9434

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Ava L. Fajen
Eisenhower Professional Development Program
Missouri State Institutions of Higher Learning
Coordinating Board of Higher Education
3515 South Amazonas Street
Jefferson City, MO 65109
(314) 751-2361 / Fax: (314) 751-6635

Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director
Mid-continent Regional Educational Laboratory
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990 / Fax: (303) 337-3005
(800) 949-6387

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors
South Central Regional Technology in
Education Consortium
Dole Human Development Building, Suite 2021
University of Kansas
Lawrence, KS 66045
(913) 864-0710 / Fax: (913) 864-4149
E-mail: jchaffin@quest.sped.ukans.edu

Department of Energy (DOE)

AlliedSignal Aerospace Company

In addition to establishing partnerships with local schools, AlliedSignal Aerospace Company participates in career and science fairs and academic contests and provides tours of its facility.

Richard Bennett
AlliedSignal Aerospace Company
P.O. Box 419159, 2000 East 95th Street
Kansas City, MO 64141-6159
(816) 997-5937 / Fax: (816) 997-7259

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Earth Science Information Center, Rolla

The Rolla Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Rolla-ESIC
1400 Independence Road, MS 231
Rolla, MO 65401-2602
(573) 308-3500/Fax: (573) 308-3615
TDD: (573) 341-2716
(800) USA-MAPS

Ozark National Scenic Riverways

Programs at the Ozark National Scenic Riverways include guided nature walks, ranger lectures, and cave tours. In-school activities are also available upon request.

Division of Interpretation
Ozark National Scenic Riverways
P.O. Box 493
Van Buren, MO 63965
(314) 323-4236

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Bruce Evans
Kansas City School District
301 East Armour Boulevard, Suite 620
Kansas City, MO 64111
(816) 871-6397/Fax: (816) 871-6393

Jim Jordan, Education Department
St. Louis Zoo, Forest Park
St. Louis, MO 83110
(314) 781-0900, ext. 340/Fax: (314) 647-7969

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Larry Earley, Director
Division of Job Development and Training
Missouri Department of Economic Development
221 Metro Drive
Jefferson City, MO 65109
(314) 751-7796/Fax: (314) 751-6765

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA

provides information, materials, and speakers for the program.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Al Myers, Director
Lincoln University
Career Advisement Planning & Placement Center
127 Thyompkins
Jefferson City, MO 65102-0029
(314) 681-5477

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
726 Minnesota Avenue
Kansas City, KS 66101
(913) 551-7003/Fax: (913) 551-7066

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 7
726 Minnesota Avenue
Kansas City, KS 66101
(913) 551-7003/Fax: (913) 552-7006

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt
Acting Director, Education Programs Office
Mail Code CL01
NASA Marshall Space Flight Center
Huntsville, AL 35812-0001
(205) 544-8800

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center
NASA Teacher Resource Center for Marshall
Space Flight Center
P.O. Box 070015
Huntsville, AL 35807-7015
(205) 544-5812

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Missouri Space Grant Consortium
Washington University
One Bookings Drive, Campus Box 1169
St. Louis, MO 63130-4899
(314) 935-5609

Nebraska

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Del Dearborn
State 4-H Program Leader
University of Nebraska
114 Agriculture Hall
Lincoln, NE 68583-0700
(402) 472-9009

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Ellen Hellerich
Nebraska Farm Bureau Federation
P.O. Box 80299
Lincoln, NE 68501
(402) 421-4400, ext. 2002/Fax: (402) 421-4432

Department of Education (ED)

Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director
Eisenhower High Plains Consortium for
Mathematics and Science
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387
E-Mail: jsutton@mcrel.org

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

James Woodland
Eisenhower Professional Development Program
Nebraska Department of Education
P.O. Box 84987, 301 Centennial Mall South
Lincoln, NE 68509
(402) 471-4329/Fax: (402) 471-0117

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Odus V. Elliott/Kathleen Fimple
Associate Academic Officer
Eisenhower Professional Development Program
Coordinating Commission for Postsecondary Education
140 North Eighth Street
P.O. Box 95005
Lincoln, NE 68509-5005
(402) 471-0021/0022/Fax: (402) 471-2886

Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director
Mid-continent Regional Educational Laboratory
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387

Regional Technology in Education Consortium (R•TEC)

The R•TEC assists the state, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R•TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors
South Central Regional Technology in Education Consortium
Dole Human Development Building, Suite 2021
University of Kansas
Lawrence, KS 66045
(913) 864-0710/Fax: (913) 864-4149
E-mail: jchaffin@quest.sped.ukans.edu

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
P.O. Box 1828, 2515 Warren Avenue
Cheyenne, WY 82003
(307) 775-6001

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Carl Wolfe, Project WILD Coordinator
Game and Parks Commission
P.O. Box 30370
Lincoln, NE 68503
(402) 471-0641/Fax: (402) 471-5528

Scotts Bluff National Monument

Rangers present in-school and onsite lectures on the geology and history of the Scotts Bluff National Monument.

Division of Interpretation
 Scotts Bluff National Monument
 P.O. Box 427
 Gering, NE 69341
 (308) 436-4340

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Dan Dolan, Commissioner
 Nebraska Department of Labor
 550 South 16th Street, P.O. Box 94600
 Lincoln, NE 68509-4600
 (402) 471-9000/Fax: (402) 471-2318

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Maria Navarro, ACE-10
 FAA Aviation Education Representative
 601 East 12th Street
 Federal Building, Room 1501
 Kansas City, MO 64106
 (816) 426-3046/Fax: (816) 426-3091

Aviation Education Workshops for Teachers

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 FAA Aviation Education Representative
 601 East 12th Street
 Federal Building, Room 1501
 Kansas City, MO 64106
 (816) 426-3046/Fax: (816) 426-3091

Federal Aviation Administration (FAA) Aviation Education Representative

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Maria Navarro, ACE-10
 FAA Aviation Education Representative
 601 East 12th Street
 Federal Building, Room 1501
 Kansas City, MO 64106
 (816) 426-3046/Fax: (816) 426-3091

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Brent Bowen, Director
 Aviation Education Resource Center
 University of Nebraska
 Aviation Institute, 60th and Dodge
 Omaha, NE 68182-0508
 (402) 554-3424

Val J. Hruska, Aviation Specialist
 Aviation Education Resource Center
 Nebraska Department of Aeronautics
 P.O. Box 82088
 Lincoln, NE 68501-2088
 (402) 471-2371

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
726 Minnesota Avenue
Kansas City, KS 66101
(913) 551-7003/Fax: (913) 551-7066

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National

Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 7
726 Minnesota Avenue
Kansas City, KS 66101
(913) 551-7003/Fax: (913) 552-7006

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice
Center Education Programs Officer
Public Affairs Office AP2
NASA Johnson Space Center
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-1257

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center
Teacher Resource Center
Mail Code AP-2
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-8696

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Nebraska at Omaha
Mallory Kountze Planetarium
Durham Science Center, Room 144
60th and Dodge Streets
Omaha, NE 68182-0266
(402) 554-2510

University of Nebraska State Museum
NASA Regional Teacher Resource Center
14th and U Streets, 307 Morrill Hall
Lincoln, NE 68588-0338
(402) 472-6302

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Nebraska Space Grant Consortium
Aviation Institute
Allwine Hall 422
University of Nebraska at Omaha
Omaha, NE 68182-0508
(402) 554-3424

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Nebraska's Statewide Systemic Initiatives Program focuses on mathematics education. Progress includes the establishment of partnerships among school districts; curriculum enrichment; and the incorporation of technology into the classroom, including televised mathematics programs and an electronic computer network.

W. James Lewis
Nebraska Mathematics and Science Initiative
P.O. Box 880231
Lincoln, NE 68588-0231
(402) 472-8965/Fax: (402) 472-8466

Sandra K. Scofield, Program Director
Nebraska Mathematics and Science Initiative
P.O. Box 880231
Lincoln, NE 68588-0231
(402) 472-8965/Fax: (402) 472-9377

North Dakota

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Geri Bosch, Program Leader
4-H Youth Development
North Dakota State University
219 FLC, P.O. Box 5016
Fargo, ND 58105
(701) 237-7259

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Sarah Nordby
North Dakota Department of Agriculture
600 East Boulevard, Sixth Floor
Bismarck, ND 58501-0020
(701) 224-4757/Fax: (701) 224-4567

Department of Education (ED)

Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director
Eisenhower High Plains Consortium for
Mathematics and Science
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387
E-mail: jsutton@mcREL.org

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Ron Torgeson
Eisenhower Professional Development Program
North Dakota Department of Public Instruction
Capitol Building, 600 East Boulevard Avenue
Bismarck, ND 58505-0440
(701) 328-2270/Fax: (701) 328-4770

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Ron Torgeson
Eisenhower Professional Development Program
North Dakota Department of Public Instruction
Capitol Building, 600 East Boulevard Avenue
Bismarck, ND 58505-0440
(701) 328-2270/Fax: (701) 328-4770

Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director
Mid-continent Regional Educational Laboratory
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director
North Central Regional Technology in
Education Consortium
North Central Regional Educational Laboratory
1900 North Spring Road, Suite 300
Oak Brook, IL 60521-1480
(708) 218-1272/Fax: (708) 218-4989
E-mail: rramirez@ncREL.org

Department of Energy (DOE)

Western Area Power Administration (WAPA), Bismarck District Office

Western's Bismarck District Office participates in the Federal junior fellowship program and coordinates a Regional Science Bowl Competition.

Bruce Frolich
Western Area Power Administration
P.O. Box 1173
Bismarck, ND 58502-1173
(701) 221-4507/Fax: (701) 221-4526

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
P.O. Box 36800, 222 North 32nd Street
Billings, MT 59107
(406) 255-2913

Project Water Education for Teachers (WET)

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Bill Sharff
State Water Commission
900 East Boulevard
Bismarck, ND 58505
(701) 224-4833

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Dave Jensen, Project WILD Coordinator
North Dakota Game and Fish
100 North Bismarck Expressway
Bismarck, ND 58501-5095
(701) 221-6322/Fax: (701) 221-6352

Theodore Roosevelt National Park

Programs at the Theodore Roosevelt National Park include guided nature walks and activities that focus primarily on environmental education and park ecology.

Division of Interpretation
Theodore Roosevelt National Park
Box 7
Medora, ND 58645
(701) 623-4466

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Gerald P. Balzer, Executive Director
North Dakota Office of Job Service
1000 East Divide Avenue, P.O. Box 1537
Bismarck, ND 58502-1537
(701) 224-2836/Fax: (701) 224-4000

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in

the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Charles L. Robertson, Assistant Professor
Aviation Education Resource Center
University of North Dakota
Department of Aviation
Box 8216, University Station
Grand Forks, ND 58202-8216
(701) 777-2791

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the

FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
999 18th Street, Suite 500
One Denver Place, Mail Stop OCPI
Denver, CO 80202-2405
(303) 312-6605/Fax: (303) 294-7665

The President's Environmental Youth Awards (PEYA) Program

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EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8
One Denver Place
999 18th Street
Denver, CO 80202-2405
(303) 294-1113/Fax: (303) 294-7665

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice
Center Education Programs Officer
Public Affairs Office AP2
NASA Johnson Space Center
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-1257

NASA Teacher Resource Center

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NASA Johnson Space Center
Teacher Resource Center
Mail Code AP-2
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-8696

NASA Regional Teacher Resource Centers (RTRCs)

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as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of North Dakota
NASA Regional Teacher Resource Center
The Wayne Peterson Room
Clifford Hall-5th Floor
Space Studies Department
P.O. Box 9008, University Station
Grand Forks, ND 58202-9008
(701) 777-4856
(800) 828-4274

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

North Dakota Space Grant Consortium
University of North Dakota
Department of Space Studies, Box 9008
Grand Forks, ND 58202
(701) 777-3167

South Dakota

Department of Agriculture (USDA)

4-H State Leader

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Bob Davis
4-H Interim Program Leader
South Dakota State University
4-H Club
Box 2207E, Ag Hall 104
Brookings, SD 57007
(605) 688-4167

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own program in conjunction with assistance from agribusiness, educational institutions, and government.

Melanie Schumacher, President
South Dakota Ag in the Classroom
P.O. Box 577
Pierre, SD 57501

Department of Defense (DoD)

South Dakota Air and Space Museum

The evolution of aviation and the progression of technology involved in aviation are the primary aspects of the South Dakota Air and Space Museum. Tours are available upon request.

South Dakota Air and Space Museum
28 BW/CVM
Ellsworth Air Force Base, SD 57706-5000
(605) 385-5188

Department of Education (ED)

Eisenhower High Plains Consortium for Mathematics and Science

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Eisenhower High Plains Consortium for
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Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387
E-mail: jsutton@mcREL.org

Eisenhower State Coordinators

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Jim Hauck
Eisenhower Professional Development Program
South Dakota Division of Education
700 Governors Drive
Pierre, SD 57501-2291
(605) 773-4712/Fax: (605) 773-6139

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Erika Tallman
Higher Education Administrator
Eisenhower Professional Development Program
Northern State University
Aberdeen, SD 57401
(605) 622-2524/Fax: (605) 773-5320

Michael Hillman
Board of Regents
207 East Capitol
Pierre, SD 57501
(605) 773-3455/Fax: (605) 773-5320

Mid-continent Regional Educational Laboratory (McREL)

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Tim Waters, Executive Director
Mid-continent Regional Educational Laboratory
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director
North Central Regional Technology in
Education Consortium
North Central Regional Educational Laboratory
1900 North Spring Road, Suite 300
Oak Brook, IL 60521-1480
(708) 218-1272/Fax: (708) 218-4989
E-mail: rramirez@ncrel.org

Department of Energy (DOE)

Western Area Power Administration (WAPA)

The Western Area Power Administration conducts the South Dakota Regional Science Bowl, a community-and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

Greg Vaselaar
Western Area Power Administration-Huron
200 4th Street SW
Huron, SD 57350-2474
(605) 353-9209/Fax: (605) 353-9254

Department of the Interior (DOI)

Badlands National Park

The Badlands National Park offers guided nature walks and a teachers' guide that emphasizes the geology, history, ecology, and zoology of the Badlands.

Division of Interpretation
Badlands National Park
P.O. Box 6
Interior, SD 57750
(605) 433-5361

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
222 North 32nd Street, P.O. Box 36800
Billings, MT 59107
(406) 255-2913

Earth Science Information Center, Sioux Falls

The Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Sioux Falls-ESIC
EROS Data Center
Sioux Falls, SD 57198-0001
(605) 594-6151; Fax: (605) 594-6589
TDD: (605) 594-6933
(800) USA-MAPS

Jewel Cave National Monument

Programs include guided nature walks and lectures that emphasize the geology of the Jewel Cave National Monument.

Division of Interpretation
Jewel Cave National Monument
Box 60AA, RR1
Custer, SD 57730
(605) 673-2288

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Steve Kirsch, Project WILD Coordinator
South Dakota Department of Game, Fish, and
Parks
523 East Capitol
Pierre, SD 57501
(605) 773-5511/Fax: (605) 773-6245

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act

State and local programs for economically disadvantaged adults and youth.

Grant Gromley, Secretary
South Dakota Department of Labor
Kneip Building, 700 Governors Drive
Pierre, SD 57501-2277
(605) 773-3101/Fax: (605) 773-4211

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Chip Harris, Director
Aviation Education Resource Center
Sisseton Wahpeton Community College
Office of Planning and Development
Old Agency Box 689
Sisseton, SD 57262-0689
(605) 698-3966

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
999 18th Street, Suite 500
One Denver Place, Mail Stop OCPI
Denver, CO 80202-2405
(303) 312-6605/Fax: (303) 294-7665

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8
One Denver Place
999 18th Street
Denver, CO 80202-2405
(303) 294-1113/Fax: (303) 294-7665

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice
Center Education Programs Officer
Public Affairs Office AP2
NASA Johnson Space Center
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-1257

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center
Teacher Resource Center
Mail Code AP-2
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-8696

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

NASA Regional Teacher Resource Center
T.I.E. Office
1925 Plaza Boulevard
Rapid City, SD 57702
(605) 394-1876

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

South Dakota Space Grant Consortium
Institute of Atmospheric Sciences
South Dakota School of Mines and Technology
501 East St. Joseph Street
Rapid City, SD 57701-3995
(605) 394-1975

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

South Dakota's Statewide Systemic Initiatives Program establishes standards and outcomes and provides incentives for districts to analyze curricula and meet new State standards. The development of new methods of assessment, the improvement of teacher preparation, and the involvement of parents, communities, mathematicians, scientists, and businesses are all key aspects.

Margo Heinert, Project Director
2510 East Franklin
Pierre, SD 57501-3726
(605) 773-6400/Fax: (605) 773-6052

Wyoming

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Betty Holmes
Interim 4-H Program Leader
College of Agriculture
University of Wyoming
P.O. Box 3354
Laramie, WY 82071
(307) 766-5663

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Elaine Moore
Wyoming Ag in the Classroom
Wyoming Department of Agriculture
2401 Highland Court
Douglas, WY 82633
(307) 385-6232

Lori Grass, President
Wyoming Ag in the Classroom
2219 Carey Avenue
Cheyenne, WY 82002
(307) 322-5727

Department of Education (ED)

Eisenhower High Plains Consortium for Mathematics and Science

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Sutton, Director
Eisenhower High Plains Consortium for
Mathematics and Science
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387
E-Mail: jsutton@mcrcel.org

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Judy Kishman, Coordinator
Eisenhower Professional Development Program
Wyoming Department of Education
241 Hathaway Building
Cheyenne, WY 82002-0050
(307) 777-6216/Fax: (307) 777-6234

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Coordinator
Eisenhower Professional Development Program
Wyoming Department of Education
241 Hathaway Building
Cheyenne, WY 82002-0050
(307) 777-6247/Fax: (307) 777-6234

Mid-continent Regional Educational Laboratory (McREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Tim Waters, Executive Director
Mid-continent Regional Educational Laboratory
2550 South Parker Road, Suite 500
Aurora, CO 80014
(303) 337-0990/Fax: (303) 337-3005
(800) 949-6387

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director
Northwest Educational Technology Consortium
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3297
(503) 275-0650/Fax: (503) 275-0449
(800) 211-9435
E-mail: hanflins@nwrel.org

Department of the Interior (DOI)

Bighorn Canyon National Recreation Area

Programs at the Bighorn Canyon National Recreation Area, including guided walks and teacher guides, focus primarily on the ecology of Bighorn Canyon.

Division of Interpretation
Bighorn Canyon National Recreation Area
P.O. Box 458
Fort Smith, MT 59035
(406) 666-2412

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
P.O. Box 1828, 2515 Warren Avenue
Cheyenne, WY 82003
(307) 775-6001

Devils Tower National Monument

The Devils Tower National Monument offers guided walks and teacher guides that focus primarily on environmental education and the geology of Devils Tower.

Division of Interpretation
Devils Tower National Monument
Devils Tower, WY 82714
(307) 467-5283

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for

Wyoming

grades K-12, are free to teachers who attend the training session.

Joe Vogier, Project WILD Coordinator
Wyoming Game and Fish Department
5400 Bishop Boulevard
Cheyenne, WY 82002
(307) 777-4538/Fax: (307) 777-4610

Yellowstone National Park

Yellowstone National Park's program, "Expedition Yellowstone," offers teachers of grades 4-6 free use of Park facilities, free accommodations, and services of a Park ranger during the spring and fall for environmental education field trips. Teachers are required to register for the program and purchase curriculum materials. Due to the high number of requests, a lottery process determines which teachers can participate.

Interpretation Division
Yellowstone National Park, WY 82190
(307) 344-7381

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Matthew K. Johnson
Deputy Job Training Administrator
Division of Employment Services
Job Training Programs
P.O. Box 2760
Casper, WY 82602
(307) 235-3611/Fax: (307) 235-3293

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified

by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

National Congress on Aviation and Space Education

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 FAA Aviation Education Representative
 1601 Lind Avenue SW
 Renton, WA 98055-4056
 (206) 227-2079/Fax: (206) 227-1010

Environmental Protection Agency (EPA)

EPA Regional Office

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Environmental Education Coordinator
 Environmental Protection Agency
 999 18th Street, Suite 500
 One Denver Place, Mail Stop OCPI
 Denver, CO 80202-2405
 (303) 312-6605/Fax: (303) 294-7665

The President's Environmental Youth Awards (PEYA) Program

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EPA Region 8
 One Denver Place
 999 18th Street
 Denver, CO 80202-2405
 (303) 294-1113/Fax: (303) 294-7665

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
 Chief, Educational Programs Branch
 NASA Ames Research Center
 Mail Stop 204-12
 Moffett Field, CA 94035
 (415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center
 Teacher Resource Laboratory
 Teacher Resource Center
 Mail Stop T12-A
 Moffett Field, CA 94035-1000
 (415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Wyoming

University of Wyoming
NASA Regional Teacher Resource Center
Learning Resource Center
P.O. Box 3374 University Station
Laramie, WY 82071-3374
(307) 766-2527

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Wyoming Space Grant Consortium
University of Wyoming
Department of Physics and Astronomy
P.O. Box 3905, University Station
Laramie, WY 82071-3905
(307) 766-6267

North Central

Areas Served:

**Illinois, Indiana,
Iowa, Michigan,
Minnesota, Ohio,
and Wisconsin**



Midwest Consortium for Mathematics and Science Education

The Midwest Consortium for Mathematics and Science Education (MSC) provides direct technical assistance to State education agencies, intermediate State educational units, and local school districts to advance systemic reform of mathematics and science in the States of Illinois, Iowa, Indiana, Ohio, Michigan, Minnesota, and Wisconsin. Based on a student-centered learning philosophy and informed by best practice and research, technical assistance efforts are focused on helping to provide meaningful, purposeful, and engaging mathematics and science learning experiences for all students. Whenever and wherever possible, the appropriate use of technology to support and accelerate systemic reform is advocated.

Beliefs

Systemic reform of mathematics and science education is a complex challenge that must be grounded in a well-defined set of beliefs. Because the system as a whole is the challenge, the beliefs must relate not only to the nature of learners and learning, but to organization and change theory as well. Finally, the beliefs must speak to the nature of interventions that are most likely to facilitate continuous improvement of mathematics and science learning for all students.

Beliefs About Students and Learning:

- All students can benefit from meaningful and active engagement in learning.
- The knowledge, skills, and understanding necessary to become lifelong learners is best acquired when students are allowed to build on prior experiences and learning.
- Because each learner presents a unique set of experience and attributes, there is a variety of methods and approaches that will result in meaningful learning.
- The only constant across all learners is that when they are allowed to practice learning that is

hands-on, minds-on, and authentic, they are more likely to become highly motivated and self-directed.

- The acquisition of knowledge, skills, and understanding is best demonstrated through a variety of assessment practices, providing multiple opportunities to gauge the level of learning relative to well-defined expectations.

Beliefs About the Nature of the Education Enterprise:

- The most significant element of the Education Enterprise is the instruction that takes place within the classroom.
- Dedicated teachers constantly seek to improve their practices and willingly adapt and adopt new approaches they believe to be consistent with the goal of enhanced learning for their students.
- Enhanced educational leaders empower teachers to be creative and inventive in their choice of teaching practice and provide support that facilitates improved learning.
- Standards and curriculum frameworks exist to shape and guide practice and are used most effectively when education professionals are involved in their development and are given the opportunity to understand and apply them to learning for students.
- Assessment systems must exist for the primary purpose of informing instructional choice and therefore must be embedded in the learning process, varied in its methodology, and focused on application and performance that demonstrates the acquisition of expected skills, knowledge, and understanding.
- Technology provides a powerful tool that can both enhance and facilitate student learning and therefore it should be available and used by all teachers and students.

Beliefs About System Interventions:

- Systemic reform of education must address all elements of the instructional system.
- Systemic reform of education should have continuous improvement of student learning as a fundamental goal.
- Systemic reform efforts must empower and engage all stakeholders in the process of seeking continuous improvement of the system.
- Interventions that result in systemic reform must provide for long-term, follow-up support of efforts that result in improvement of instructions and learning for all students.

Mission

The mission of the MSC is to advance systemic change in mathematics and science education through: (1) collaboration with institutions and agencies within the region; (2) direct services and technical assistance to school districts, schools, teachers, and administrators to support high priority initiatives; (3) support that will result in the development and implementation of standards, curriculum, assessment, and performance indicators that challenge students to higher levels of attainment; (4) identification and dissemination of resources, methods, materials, and practices that expand learning beyond the classroom through information education agencies and electronic media; and (5) access to networks of instructional resources and materials that will result in improved learning for all students.

Objectives

MSC will continue to collaborate, coordinate, network, and link with partners throughout the region including State departments of education, intermediate units, and other programs that are interested in systemic improvement of mathematics, science, and technology. MSC plans to advance the systemic reform of mathematics and science education through the accomplishment of the following six objectives:

1. MSC will facilitate and engage in collaborative efforts with teachers, administrators, and professional organizations to build capacity and leverage resources to achieve the outcome of systemic reform of mathematics and science education throughout the region.
2. MSC will establish and implement a process to identify high impact, high priority projects, products,

and services that respond to the needs of our collaborative partners. MSC will develop relationships with two or three "intensive" sites in each State to collaboratively research and develop materials and processes that support improved student learning strategies and achievement.

3. MSC will provide training and technical assistance to teachers, administrators, and other educators, which will enable them to continuously improve teaching and learning in mathematics and science. Special emphasis will be placed on the use of technology.
4. MSC will work through the National Organization Task Force on Informal Education, energy labs, museums, and other informal education entities to promote the increase use of informal education resources.
5. MSC will work through its collaborative regional networks, other Consortia, and the Eisenhower National Clearinghouse for Mathematics and Science Education to identify and describe exemplary resources and best instructional practices.
6. MSC will initiate evaluation and data collection related to intended outcomes to determine effectiveness and impact of Consortium activities in districts selected for intensive partnerships.

Dr. Gilbert Valdez, Director
Dr. Marvin Christensen, Science and Professional Development Specialist
Cathy Cook, Mathematics/Science Professional Development Specialist
Gisele Hennings, Project Specialist
Teresa McMahon, Evaluation and Assessment Specialist
Cynthia Patteson, Mathematics and Technology Specialist
Aggie Vanhuis, Administrative Assistant
Amy Jovanovich, Program Secretary

Midwest Consortium for Mathematics and Science Education
1900 Spring Road, Suite 300
Oak Brook, IL 60521-1480
(630) 571-4700/Fax: (630) 571-4716
WWW: <<http://www.ncrel.org/msc/msc.htm>>

Illinois

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. David D. Pyle
Assistant Director, 4-H
University of Illinois
302 East John, Suite 1901
Champaign, IL 61820
(217) 333-0910

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Stacy Shane
Illinois Farm Bureau
Field Services Division
1701 Towanda Avenue
Bloomington, IL 61702-2901
(309) 557-3334/Fax: (309) 557-2170

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner
University of Wisconsin
Wisconsin Sea Grant
1800 University Avenue
Madison, WI 53705-4094
(608) 262-0644/Fax: (608) 263-2063

Department of Defense (DoD)

Army Construction Engineering Research Laboratories

The Army Construction Engineering Laboratories offer high school students apprenticeship programs designed to increase scientific knowledge through hands-on experiences.

Equal Employment Opportunity Office
U.S. Army Construction Engineering Research Laboratories (USACERL)
P.O. Box 9005
Champaign, IL 61826-9005
(217) 373-7279
(800) 872-2375

Naval Training Center, Great Lakes

The Naval Training Center (NTC) at Great Lakes participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in Illinois, Indiana, Michigan, Minnesota, Ohio, and Wisconsin.

NTC Great Lakes IL
Commander
Naval Training Center
Code PAO
Great Lakes, IL 60088-5000
(708) 688-6706

Rock Island Arsenal Museum

Exhibits within the Rock Island Arsenal Museum illustrate the development of technology within the production of weaponry. A large number of historic and modern small arms are on display.

Rock Island Arsenal Museum
Attention: SIORI-CFM
Rock Island, IL 61299-5000
(309) 782-5021

Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Linda Steele
Army Chemical and Biological Defense Agency
(CBDCOM)
SCBRD-ED(RI)
Rock Island Arsenal, IL 61299-7410
(309) 782-8061/4338

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Warren Lionberger, Manager
Program Support Section
Eisenhower Professional Development Program
Illinois State Board of Education
100 North First Street
Springfield, IL 62777-0001
(217) 782-3810/Fax: (217) 524-6125

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. James C. Forstall
Associate Director for Academic Affairs
Eisenhower Professional Development Program
Illinois State Board of Higher Education
500 Reisch Building
Four West Old Capitol Square
Springfield, IL 62701
(217) 782-7184/Fax: (217) 782-8548

Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director
Midwest Consortium for Mathematics and Science Education
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director
North Central Regional Educational Laboratory
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director
North Central Regional Technology in Education Consortium
North Central Regional Educational Laboratory
1900 North Spring Road, Suite 300
Oak Brook, IL 60521-1480
(630) 218-1272/Fax: (630) 218-4989
E-mail: rramirez@ncrel.org

Department of Energy (DOE)

Argonne National Laboratory

Argonne National Laboratory offers students research apprenticeship programs and sponsors contests, lectures, laboratory tours, and video series, as well as educational conferences and workshops. Student apprenticeships and research participation opportunities are offered for students in grades 10-12. Junior high school and high school teachers are

eligible for teacher development and research participation appointments usually held during the summer months.

Margret E.M. Tolbert, Ph.D., Director
Division of Educational Programs
Argonne National Laboratory
9700 South Cass Avenue, Building 223
Argonne, IL 60439
(708) 252-4114/Fax: (708) 252-3193
E-mail: tolbert@woody.dep.anl.gov

Fermi National Accelerator Laboratory

Fermi National Accelerator Laboratory, through its Leon M. Lederman Science Education Center, offers institutes, workshops, and research experiences for teachers; a Teacher Resource Center, including an Eisenhower National Clearinghouse Demonstration site; and onsite environmental and physical science experiences, apprenticeships, and informal classes for students.

Marge Bardeen, Education Office
Fermi National Accelerator Laboratory
MS 226, P.O. Box 500
Batavia, IL 60510
(708) 840-3092/Fax: (708) 840-8248
E-mail: mbardeen@fnal.gov

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Crab Orchard National Wildlife Refuge

Wildlife management and environmental education are emphasized in summer teacher workshops and youth camps at the Crab Orchard National Wildlife

Refuge. Guided tours and curriculum materials are available upon request.

Public Use Manager
Crab Orchard National Wildlife Refuge
P.O. Box J
Carterville, IL 62918
(618) 997-3344

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Kathleen M. Andrews
Project WILD Coordinator
Kids for Conservation
Illinois Department of Conservation
524 South Second Street, Room 515
Springfield, IL 62701-1787
(217) 524-4126/Fax: (217) 782-9552

Ann Pictor, Project WILD Coordinator
Illinois Board of Education
100 North First Street
Springfield, IL 62777
(217) 782-2826/Fax: (217) 782-6097

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Herbert D. Dennis, Manager
JTPA Programs Division
Illinois Department of Commerce and Community Affairs
620 East Adams, Sixth Floor
Springfield, IL 62701
(217) 785-6006/Fax: (217) 785-6454

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Paul McLaughlin
Associate Vice President and Dean
Aviation Education Resource Center
Parks College of St. Louis University
500 Falling Springs Road
Cahokia, IL 62206
(618) 337-7500, ext. 364

Richard M. Ware
Division of Aeronautics
Aviation Education Resource Center
State of Illinois
One Langhorne Bond Drive, Capital Airport
Springfield, IL 62707-8415
(217) 785-8516

Dr. Elaine Vitello
Aviation Education Resource Center
Southern Illinois University
College of Technical Careers, Room 222
Carbondale, IL 62901
(618) 453-8821

Christine Wedam Rosario
Northeastern Illinois University
College of Education
Chicago Teachers' Center
770 North Halsted Street, Suite 420
Chicago, IL 60622-5972
(312) 733-7330

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
77 West Jackson Boulevard, Mail Stop P1-19J
Chicago, IL 60604
(312) 353-3209/Fax: (312) 353-1155

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the

President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886-0995/Fax: (312) 353-1155

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston
Acting Chief, Office of Educational Programs
NASA Lewis Research Center
21000 Brookpark Road, Mail Stop 7-4
Cleveland, OH 44135-3191
(216) 433-2957

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center
Teacher Resource Center
21000 Brookpark Road, Mail Stop 8-1
Cleveland, OH 44135-3191
(216) 433-2017

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities,

museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Chicago Museum of Science and Industry
NASA Regional Teacher Resource Center
57th Street and Lakeshore Drive
Chicago, IL 60637-2093
(312) 684-1414, ext. 2426

Parks College of St. Louis University
NASA Regional Teacher Resource Center
Route 157 and Falling Springs Road
Cahokia, IL 62206
(618) 337-7500

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Illinois Space Grant Consortium
Aeronautical and Astronautical Engineering
Department
104 South Wright Street
3067 Talbot Lab
University of Illinois at Urbana-Champaign
Urbana, IL 61801
(217) 244-7646

Indiana

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Maurice S. Kramer, Assistant Director
Department Head, 4-H and Youth Development
1161 Agriculture Administration Building
Purdue University
West Lafayette, IN 47907-1161
(317) 494-8422

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Pam Bright
Office of Commission
150 West Market, Suite 414
Indianapolis, IN 46024
(317) 232-8759

Harry L. Pearson
Indiana Farm Bureau
P.O. Box 1290
Indianapolis, IN 46206
(317) 692-7851/Fax: (317) 692-7854

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner
University of Wisconsin
Wisconsin Sea Grant
1800 University Avenue
Madison, WI 53705-4094
(608) 262-0644/Fax: (608) 263-2063

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Phyllis L. Usher
Eisenhower Professional Development Program
Indiana Department of Education
229 State House
Indianapolis, IN 46204-2798
(317) 232-6984/Fax: (317) 232-9121

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Karen Rasmussen/Wendy Togneri
Associate Commissioner
Planning & Policy Studies
Eisenhower Professional Development Program
Indiana Commission for Higher Education
101 West Ohio, Suite 550
Indianapolis, IN 46204-1909
(317) 464-4400/Fax: (317) 464-4410

Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director
Midwest Consortium for Mathematics and Science Education
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director
North Central Regional Educational Laboratory
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director
North Central Regional Technology in Education Consortium
North Central Regional Educational Laboratory
1900 North Spring Road, Suite 300
Oak Brook, IL 60521-1480
(630) 218-1272/Fax: (630) 218-4989
E-mail: rramirez@ncrel.org

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Indiana Dunes National Lakeshore

Indiana Dunes National Lakeshore programs, including guided walks and teacher guides, focus on lakeshore ecology.

Division of Interpretation
Indiana Dunes National Lakeshore
1100 North Mineral Springs Road
Porter, IN 46304
(219) 926-7561

Muscatatuck National Wildlife Refuge

With a focus on waterfowl management, the Muscatatuck National Wildlife Refuge offers an orientation to the refuge, an audiovisual presentation, and self-guided walks.

Division of Interpretation
Muscatatuck National Wildlife Refuge
12985 East U.S. Highway 50
Seymour, IN 47274
(812) 522-4352/Fax: (812) 522-6826

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Warren Gartner, Project WILD Coordinator
Indiana Department of Natural Resources
6013 Lakeside Boulevard
Indianapolis, IN 46278-1996
(317) 290-3223/Fax: (317) 290-3225

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Bruce F. Kearney, Acting Commissioner
Indiana Department of Workforce Development
10 North Senate Avenue, Room 302
Indianapolis, IN 46204
(317) 232-7670/Fax: (317) 233-4793

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11
 FAA Aviation Education Representative
 O'Hare Lake Officer Center
 2300 East Devon Avenue
 Des Plaines, IL 60018
 (708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Hassan Chaharlang, ICPAC Hotline Director
 Indiana College of Placement & Assessment
 Center
 2805 East 10th Street
 Bloomington, IN 47408
 (812) 855-8475

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11
 FAA Aviation Education Representative
 O'Hare Lake Officer Center
 2300 East Devon Avenue
 Des Plaines, IL 60018
 (708) 294-7042/Fax: (708) 294-7368

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
 Environmental Protection Agency
 77 West Jackson Boulevard, Mail Stop PI-19J
 Chicago, IL 60604
 (312) 353-3209/Fax: (312) 353-1155

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5
 77 West Jackson Boulevard
 Chicago, IL 60604
 (312) 886-0995/Fax: (312) 353-1155

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston
Acting Chief, Office of Educational Programs
NASA Lewis Research Center
21000 Brookpark Road, Mail Stop 7-4
Cleveland, OH 44135-3191
(216) 433-2957

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center
Teacher Resource Center
21000 Brookpark Road, Mail Stop 8-1
Cleveland, OH 44135-3191
(216) 433-2017

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Evansville
NASA Regional Teacher Resource Center
School of Education
1800 Lincoln Avenue
Evansville, IN 47722
(812) 479-2393

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Indiana Space Grant Consortium
School of Aeronautics and Astronautics
1282 Grissom Hall, Purdue University
West Lafayette, IN 47907-1282
(317) 494-5117

Iowa

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Joseph R. Kurth
Director for Youth and 4-H
32 Curtiss Hall
Iowa State University
Ames, IA 50011
(515) 294-1018

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Barbara J. Lykins
Iowa Farm Bureau Federation
5400 University
West Des Moines, IA 50265-5997
(515) 225-5425/Fax: (515) 225-5419

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. John Wheeler, Chief
Bureau of Instructional Services
Eisenhower Professional Development Program
Iowa Department of Education
Grimes State Office Building
Des Moines, IA 50319-0145
(515) 281-3874/Fax: (515) 242-5988

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Robert J. Barak, Deputy Executive Director
Eisenhower Professional Development Program
Iowa State Board of Regents
East 12th Street and Grand Avenue
Old Historical Building
Des Moines, IA 50319
(515) 281-3934/Fax: (515) 281-6420

Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director
Midwest Consortium for Mathematics and Science Education
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director
North Central Regional Educational Laboratory
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director
North Central Regional Technology in Education Consortium
North Central Regional Educational Laboratory
1900 North Spring Road, Suite 300
Oak Brook, IL 60521-1480
(630) 218-1272/Fax: (630) 218-4989
E-mail: rramirez@ncrel.org

Department of Energy (DOE)

Ames Laboratory

Ames Laboratory offers teacher workshops in science and mathematics. Educational programs, including contests, classes, and mentoring, are also available for students.

Connie Hargrave, Manager
Ames Laboratory Education Programs
252 TASF
Ames Laboratory
Iowa State University
Ames, IA 50011
(515) 294-5343/Fax: (515) 294-9682
E-mail: cph@iastate.edu

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

DeSoto National Wildlife Refuge

DeSoto National Wildlife Refuge offers guided walks and materials that focus on prairie ecology, bird migration, and basic environmental education.

Outdoor Recreation Planner
DeSoto National Wildlife Refuge
Rural Route 1, Box 114
Missouri Valley, IA 51555
(712) 642-4121/Fax: (712) 271-4210

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Duane Toomsen, Project WILD Coordinator
Department of Public Instruction
Grimes State Office Building
Des Moines, IA 50309
(515) 281-3146/Fax: (515) 242-6025

Barb Giger, Aquatic WILD Coordinator
Department of Natural Resources
2473 160th Road
Guthrie Center, IA 50115
(515) 747-2200/Fax: (515) 747-3951

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Jeff Nall, Administrator
Division of Workforce Development
Iowa Department of Economic Development
150 Des Moines Street
Des Moines, IA 50309
(515) 281-9013/Fax: (515) 242-9033

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Maria Navarro, ACE-10
FAA Aviation Education Representative
601 East 12th Street
Federal Building, Room 1501
Kansas City, MO 64106
(816) 426-3046/Fax: (816) 426-3091

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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 FAA Aviation Education Representative
 601 East 12th Street
 Federal Building, Room 1501
 Kansas City, MO 64106
 (816) 426-3046/Fax: (816) 426-3091

Federal Aviation Administration (FAA) Aviation Education Representative

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 FAA Aviation Education Representative
 601 East 12th Street
 Federal Building, Room 1501
 Kansas City, MO 64106
 (816) 426-3046/Fax: (816) 426-3091

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Julie Wilkinson
 IRTS
 Aviation Education Resource Center
 The University of Northern Iowa
 222 Schindler Education Center
 Cedar Falls, IA 50614-0610
 (319) 273-2717

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Maria Navarro, ACE-10
 FAA Aviation Education Representative
 601 East 12th Street
 Federal Building, Room 1501
 Kansas City, MO 64106
 (816) 426-3046/Fax: (816) 426-3091

Environmental Protection Agency (EPA)

EPA Regional Office

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Environmental Education Coordinator
 Environmental Protection Agency
 726 Minnesota Avenue
 Kansas City, KS 66101
 (913) 551-7003/Fax: (913) 551-7066

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA

BEST COPY AVAILABLE

has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 7
726 Minnesota Avenue
Kansas City, KS 66101
(913) 551-7003/Fax: (913) 552-7006

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt
Acting Director, Education Programs Office
Mail Code CL01
NASA Marshall Space Flight Center
Huntsville, AL 35812-0001
(205) 544-8800

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center
NASA Teacher Resource Center for Marshall
Space Flight Center
P.O. Box 070015
Huntsville, AL 35807-7015
(205) 544-5812

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Northern Iowa
NASA Regional Teacher Resource Center
IRTS, Room 222, Schindler Education Center
Cedar Falls, IA 50614-0009
(319) 273-6066

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Iowa Space Grant Consortium
408 Town Engineering Building
Iowa State University
Ames, IA 50011-3231
(515) 294-3106

Michigan

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Sandy Clarkson, Associate Program Director
4-H Youth Program
6H Berkey Hall
Michigan State University
East Lansing, MI 48824-1111
(517) 355-0180

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Eddie Moore
Michigan State University
410 Agriculture Hall
East Lansing, MI 48824
(517) 355-6580/Fax: (517) 323-1888

Julie Chamberlain
Michigan Farm Bureau
7373 West Saginaw Highway
Lansing, MI 48909
(517) 323-7000/Fax: (517) 323-6793

Department of Commerce (DOC)

Great Lakes Environmental Research Laboratory

The Great Lakes Environmental Research Laboratory participates in a local partnership program and offers tours of Laboratory facilities and discussion on Great Lake problems.

Tom Nalepa
Great Lakes Environmental Research Laboratory
National Oceanic and Atmospheric
Administration
2205 Commonwealth Boulevard
Ann Arbor, MI 48105-1593
(313) 741-2285/Fax: (313) 741-2055

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner
University of Wisconsin
Wisconsin Sea Grant
1800 University Avenue
Madison, WI 53705-4094
(608) 262-0644/Fax: (608) 263-2063

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Sue K. Harrison
Eisenhower Professional Development Program
Michigan Department of Education
P.O. Box 30008
Lansing, MI 48909
(517) 373-1236/Fax: (517) 335-2473

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Barbara Johnson
Eisenhower Professional Development Program
Michigan Department of Education
Higher Education Management Services
P.O. Box 30008
Lansing, MI 48909
(517) 373-8577/Fax: (517) 373-2759

Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director
Midwest Consortium for Mathematics and Science
Education
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director
North Central Regional Educational Laboratory
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director
North Central Regional Technology in
Education Consortium
North Central Regional Educational Laboratory
1900 North Spring Road, Suite 300
Oak Brook, IL 60521-1480
(630) 218-1272/Fax: (630) 218-4989
E-mail: rramirez@ncrel.org

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Isle Royale National Park

Summer programs at the Isle Royale National Park offer curriculum-related information on natural resource issues to students in grades 3-6. Park rangers visit schools in the winter.

Division of Interpretation
Isle Royale National Park
800 East Lakeshore Drive
Houghton, MI 49931-1895
(906) 482-8753

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Dale Elshoff, Project WILD Coordinator
Tollgate Education Center
28115 Meadowbrook Road
Novi, MI 48377-3128
(810) 347-3860/Fax: (810) 347-3862

Seney National Wildlife Refuge

Spring and fall environmental education programs at the Seney National Wildlife Refuge inform students about wildlife management. Guided walks and in-class presentations are also available.

Division of Interpretation
Seney National Wildlife Refuge
HCR #2, Box 1
Seney, MI 49883
(906) 586-9851/Fax: (906) 586-3800

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Douglas E. Stites, Vice President
Michigan Jobs Commission
P.O. Box 30015
Lansing, MI 48909
(517) 373-6227/Fax: (517) 373-0314

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Karen Conrad, Interim Director
Aviation Education Resource Center
Oakland University
Aviation and Space Center
216 O'Dowd Hall, Room 216
Rochester, MI 48309-4401
(313) 370-2485

Barbara Koscak
Aviation Education Resource Center
Project STARS
P.O. Box 450082, Building 814
Selfridge ANG Base, MI 48045
(313) 466-4884

Thomas Krashen, Manager
Michigan Department of Transportation
Bureau of Aeronautics
2700 East Airport Service Drive
Lansing, MI 48906
(517) 335-9977

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
77 West Jackson Boulevard, Mail Stop PI-19J
Chicago, IL 60604
(312) 353-3209/Fax: (312) 353-1155

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886-0995/Fax: (312) 353-1155

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston
Acting Chief, Office of Educational Programs
NASA Lewis Research Center
21000 Brookpark Road, Mail Stop 7-4
Cleveland, OH 44135-3191
(216) 433-2957

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center
Teacher Resource Center
21000 Brookpark Road, Mail Stop 8-1
Cleveland, OH 44135-3191
(216) 433-2017

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Central Michigan University
NASA Regional Teacher Resource Center
Ronan Hall, Room 101
Mt. Pleasant, MI 48859
(517) 774-4387

Northern Michigan University
NASA Regional Teacher Resource Center
Olson Library Media Center
Marquette, MI 49855
(906) 227-2270

Oakland University
NASA Regional Teacher Resource Center
O'Dowd Hall, Room 216
Rochester, MI 48309-4401
(313) 370-2485/4230

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Michigan Space Grant Consortium
2106 SRB, University of Michigan
Ann Arbor, MI 48109-2143
(313) 764-9508

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

One goal of Michigan's Statewide Systemic Initiatives Program is to summarize research on new kinds of science and mathematics teaching. Other goals include increasing State guidance for local efforts, creating schools to address needs of low-achieving and disadvantaged populations, redesigning teacher education, and stimulating and supporting district efforts.

Nancy Mincemoyer
Michigan Department of Education
P.O. Box 30008
Lansing, MI 48909
(517) 373-4990/Fax: (517) 373-3241

Teresa Staten
Michigan Department of Education
P.O. Box 30008
Lansing, MI 48909
(517) 373-7248/Fax: (517) 373-4589

Minnesota

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Richard Byrne, Director, 4-H
1420 Eckles Avenue, 340 Coffey Hall
University of Minnesota
St. Paul, MN 55108
(612) 625-1235

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Alan Withers
Minnesota Department of Agriculture
90 West Plato Boulevard
St. Paul, MN 55107
(612) 296-6688/Fax: (612) 297-5522

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner
University of Wisconsin
Wisconsin Sea Grant
1800 University Avenue
Madison, WI 53705-4094
(608) 262-0644/Fax: (608) 263-2063

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Robert Crumpton
Eisenhower Professional Development Program
Minnesota Department of Education
Capitol Square Building, Room 922
St. Paul, MN 55101
(612) 296-2703/Fax: (612) 296-3272

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Nancy B. Walters
Eisenhower Mathematics and Science Program
Minnesota Higher Education Coordinating Board
Capitol Square Building, Suite 400
550 Cedar Street
St. Paul, MN 55101
(612) 296-9777/Fax: (612) 297-8880

Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director
Midwest Consortium for Mathematics and Science Education
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director
North Central Regional Educational Laboratory
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director
North Central Regional Technology in Education Consortium
North Central Regional Educational Laboratory
1900 North Spring Road, Suite 300
Oak Brook, IL 60521-1480
(630) 218-1272/Fax: (630) 218-4989
E-mail: rramirez@ncrel.org

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minnesota Valley National Wildlife Refuge

In addition to environmental education programs, the Minnesota Valley National Wildlife Refuge offers plant and animal exhibits, interactive displays, computer programs, and interpretive lectures.

Public Use Manager
Minnesota Valley National Wildlife Refuge
3815 East 80th Street
Bloomington, MN 55425-1600
(612) 854-5900/Fax: (612) 725-3279

Pipestone National Monument

Anthropological- and geological-related lectures are available at the Pipestone National Monument.

Division of Interpretation
Pipestone National Monument
Box 727
Pipestone, MN 56164
(507) 825-5464

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jan Orr, Acting Project WILD Coordinator
Department of Natural Resources
500 Lafayette Road, Box 7
St. Paul, MN 55155
(612) 297-4966/Fax: (612) 297-4961

Voyageurs National Park

The Voyageurs National Park offers environmental education programs targeted primarily to 4th graders, although arrangements can be made for students of other age groups.

Division of Interpretation
Voyageurs National Park
P.O. Box 50
International Falls, MN 56649-8904
(218) 283-9821

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Byron Lee Zuidema, Assistant Commissioner
Community Based Services
Minnesota Department of Jobs and Training
390 North Robert Street, Fifth Floor
St. Paul, MN 55101
(612) 296-4657/Fax: (612) 296-5745

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Gordon Hoff, Director
Aviation Education Resource Center
Minnesota DOT Office of Aeronautics
Aviation Education Relations
222 East Plato Boulevard
St. Paul, MN 55107-1618
(612) 297-7652

Julius Salinas, Aviation Director
Aviation Education Resource Center
Vermilion Community College
1900 East Camp Street
Ely, MN 55731
(218) 365-7200

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Environmental Protection Agency (EPA)

Environmental Research Laboratory

In addition to teacher workshops, Minnesota's Environmental Research Laboratory provides environmental programs for students at various grade levels, curriculum materials, and science fairs. Laboratory tours may also be arranged.

Bob Drummond
U.S. Environmental Protection Agency
Environmental Research Laboratory
6201 Congdon Boulevard
Duluth, MN 55804
(218) 702-5733

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
77 West Jackson Boulevard, Mail Stop PI-19J
Chicago, IL 60604
(312) 353-3209/Fax: (312) 353-1155

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886-0995/Fax: (312) 353-1155

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston
Acting Chief, Office of Educational Programs
NASA Lewis Research Center
21000 Brookpark Road, Mail Stop 7-4
Cleveland, OH 44135-3191
(216) 433-2957

NASA Teacher Resource Center

The Teacher Resource Center has a variety of NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center
Teacher Resource Center
21000 Brookpark Road, Mail Stop 8-1
Cleveland, OH 44135-3191
(216) 433-2017

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Mankato State University
NASA Regional Teacher Resource Center
Department of Curriculum and Instruction
MSU Box 52, P.O. Box 8400
Mankato, MN 56002-8400
(507) 389-5710/1516

St. Cloud State University
Center for Information Media
NASA Regional Teacher Resource Center
720 Fourth Avenue, South
St. Cloud, MN 56301
(612) 255-2062

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Minnesota Space Grant Consortium
University of Minnesota, Main Campus
107 Ackerman Hall
110 Union Street SE
Minneapolis, MN 55455
(612) 625-9002

Ohio

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. R. Kirby Barrick
Acting Assistant Director and State Leader
4-H Youth Development
The Ohio State University
Agriculture Administration Building
2120 Fyffe Road
Columbus, OH 43210-1084
(614) 292-6996

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Judy Roush
Agriculture Awareness Council
P.O. Box 479
Columbus, OH 43216-0479
(614) 249-2429/Fax: (614) 644-5702

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction

to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner
University of Wisconsin
Wisconsin Sea Grant
1800 University Avenue
Madison, WI 53705-4094
(608) 262-0644/Fax: (608) 263-2063

Old Woman Creek National Estuarine Research Reserve

The Old Woman Creek National Estuarine Research Reserve offers teacher workshops that train teachers on how to use the reserve as an outdoor laboratory. Reservations are required.

Linda Feix, Education Coordinator
Old Woman Creek National Estuarine Research
Reserve
2514 Cleveland Road, East
Huron, OH 44839
(419) 433-4601/Fax: (419) 433-2851

Department of Defense (DoD)

Wright Patterson Air Force Base and Wright Laboratory

Wright Patterson Air Force Base and Wright Laboratory offer programs for both teachers and students, including the Wright State Engineering Precollege Program, which is a partnership among the Air Force, the private sector, and Wright State University. Programs are designed for educators and students within the Dayton area. In addition, Wright Patterson Air Force Base houses the Air Force Museum.

Education Coordinator
WL-DOOP
Wright Patterson AFB, OH 45433
(513) 255-5573

Department of Education (ED)

Eisenhower National Clearinghouse for Mathematics and Science Education (ENC)

The Eisenhower National Clearinghouse for Mathematics and Science Education is funded through the

U.S. Department of Education to provide K-12 teachers with a central source of information on mathematics and science curriculum materials.

Len Simutis, Director
Eisenhower National Clearinghouse for
Mathematics and Science Education
The Ohio State University
1929 Kenny Road
Columbus, OH 43210-1079
(614) 292-7784/Fax: (614) 292-2066
(800) 621-5785
E-mail: info@enc.org

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Greg M. Stubbs
Eisenhower Professional Development Program
Ohio Department of Education
65 South Front Street, Room 611
Columbus, OH 43215-4183
(614) 752-9573/Fax: (614) 728-3058

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Marlene Rushay
Eisenhower Professional Development Program
Ohio Board of Regents, 36th Floor
3600 State Office Tower
30 East Broad Street
Columbus, OH 43266-0417
(614) 752-9475/Fax: (614) 466-5866

ERIC Clearinghouse for Science, Mathematics, and Environmental Education

The Clearinghouse's mission is to facilitate improved teaching, learning, and research in science, mathematics, and environmental education through the

active exchange of information and services. As a component of the Educational Resources Information Center (ERIC), the Clearinghouse collects, abstracts, and indexes materials for the ERIC database, the world's largest and most heavily used education-related information resource. The database contains more than 850,000 records of reports, journal articles, instructional materials, and other items, and is accessible electronically through the Internet and at more than 1,000 physical locations around the world. The Clearinghouse staff also serve educators at all levels by answering questions, providing training in use of the database, distributing educational materials electronically, disseminating practical information and documents to teachers and the general public, and developing publications used by teachers, parents, administrators, curriculum specialists, and others.

David Haury, Director
ERIC Clearinghouse for Science, Mathematics, and
Environmental Education
The Ohio State University
1929 Kenny Road
Columbus, OH 43210-1080
(614) 292-6717/Fax: (614) 292-0263
(800) 276-0462
E-mail: ericse@osu.edu

Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director
Midwest Consortium for Mathematics and Science
Education
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director
North Central Regional Educational Laboratory
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribauda,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of Energy (DOE)

Fernald Environmental Management Project

The Fernald Environmental Management Project manages programs for both students and teachers. In addition, the project sponsors a speaker's bureau, academic competitions, and science fairs.

Sue Walpole, Public Affairs
Fernald Environmental Management Project
P.O. Box 538704
Cincinnati, OH 45253-8704
(513) 648-6321/Fax: (513) 648-6903
E-mail: Susan.Walpole@em.doe.gov

Mound Facility

The Mound Facility provides teacher workshops, in-class science demonstrations, teacher research associateships, tutoring and mentoring activities, and academic competitions.

Lucy Anne McKosky
Education Outreach Coordinator
EG&G Mound Applied Technologies, Inc.
P.O. Box 3000
Miamisburg, OH 45343-3000
(513) 865-4332/Fax: (513) 865-3952
E-mail: mcKola@DOE.MD.GOV

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Cuyahoga Valley National Recreation Area

Cuyahoga Valley National Recreation Area offers environmental programs both onsite and in the classroom. Guided nature walks are available. Cuyahoga is developing an environmental residence center that provides resources and programs.

Division of Interpretation
Cuyahoga Valley National Recreation Area
15610 Vaughn Road
Brecksville, OH 44141
(216) 526-5256

Ottawa National Wildlife Refuge

Environmental education programs at the Ottawa National Wildlife Refuge include guided tours and teacher guides and workshops.

Outdoor Recreation Planner
Ottawa National Wildlife Refuge
14000 West State Road, Route 2
Oak Harbor, OH 43449
(216) 898-0014/Fax: (216) 898-7895

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Paul Schiff, Project WILD Coordinator
Ohio Division of Wildlife
1840 Belcher Drive, Fountain Square G-1
Columbus, OH 43224
(614) 265-6316/Fax: (614) 262-1171

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Evelyn Bissonnette, Director
Job Training Partnership-Ohio Division
Ohio Bureau of Employment Services
145 South Front Street, Fourth Floor
Columbus, OH 43215
(614) 466-3817/Fax: (614) 752-6582

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Stephen M. Quilty, AAE
Aviation Education Resource Center
Bowling Green State University
Assistant Professor, Aerotechnology Program
Technology Annex
Bowling Green, OH 43403-0307
(419) 372-8926

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

BEST COPY AVAILABLE

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Environmental Protection Agency (EPA)

Center for Environmental Learning

The Center for Environmental Learning coordinates environmental education programs for both the Risk Reduction and the Environmental Monitoring Systems Laboratories. The Center sponsors environmental conferences and conventions, the development of curriculum materials, and a variety of programs for students in grades K-12.

Environmental Education Coordinator
Center for Environmental Learning
26 West Martin Luther Avenue
Cincinnati, OH 45268
(513) 569-7212/Fax: (513) 569-7770

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
77 West Jackson Boulevard, Mail Stop PI-19J
Chicago, IL 60604
(312) 353-3209/Fax: (312) 353-1155

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition.

Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886-0995/Fax: (312) 353-1155

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston
Acting Chief, Office of Educational Programs
NASA Lewis Research Center
21000 Brookpark Road, Mail Stop 7-4
Cleveland, OH 44135-3191
(216) 433-2957

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center
Teacher Resource Center
21000 Brookpark Road, Mail Stop 8-1
Cleveland, OH 44135-3191
(216) 433-2017

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Cincinnati
NASA Regional Teacher Resource Center
Curriculum Resources Center
Mail Location 0219
600 Blegen Library
Cincinnati, OH 45221-0219
(513) 556-1430

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Ohio Space Grant Consortium
Ohio Aerospace Institute
22800 Cedar Point Road
Brook Park, OH 44142
(216) 962-3020

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Components of Ohio's Statewide Systemic Initiatives Program include the creation of a framework and process for preservice education and sustained professional development of mathematics and science teachers. Regional centers that are staffed by teams of mathematicians, scientists, and educators focus on content areas and inquiry-based instruction.

Jane Butler Kahle
Miami University
Oxford, OH 45056
(513) 529-1686/Fax: (513) 529-2110

Kenneth G. Wilson
The Ohio State University
Department of Physics
174 West 18th Avenue
Columbus, OH 43210-1106
(614) 292-8686/Fax: (614) 292-3221

Wisconsin

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. David Running
State 4-H Program Leader
University of Wisconsin
610 Langdon Street, 328 Lowell Hall
Madison, WI 53703
(608) 263-1095

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Bob Leege
Wisconsin Farm Bureau
7010 Mineral Point Road
Madison, WI 53705
(608) 833-8070

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are

available in six regions and are designed to enhance skills in science teaching.

Al Miller and Jim Lubner
University of Wisconsin
Wisconsin Sea Grant
1800 University Avenue
Madison, WI 53705-4094
(608) 262-0644/Fax: (608) 263-2063

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. John C. Bell
Eisenhower Professional Development Program
Department of Public Instruction
125 South Webster Street, P.O. Box 7841
Madison, WI 53707-7841
(608) 267-9270/Fax: (608) 267-1052

Dr. Gary Britton
Eisenhower Professional Development Program
University of Wisconsin Center
400 University Drive
West Bend, WI 53095
(414) 335-5200/Fax: (414) 335-5220

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Gary Britton
Eisenhower Professional Development Program
University of Wisconsin Center
400 University Drive
West Bend, WI 53095
(414) 335-5227/Fax: (414) 335-5220

Midwest Consortium for Mathematics and Science Education

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Gil Valdez, Director
Midwest Consortium for Mathematics and Science Education
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

North Central Regional Educational Laboratory (NCREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Jeri Nowakowski, Executive Director
North Central Regional Educational Laboratory
1900 Spring Road, Suite 300
Oak Brook, IL 60521
(630) 571-4700/Fax: (630) 571-4716

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Ray Ramirez, Director
North Central Regional Technology in Education Consortium
North Central Regional Educational Laboratory
1900 North Spring Road, Suite 300
Oak Brook, IL 60521-1480
(630) 218-1272/Fax: (630) 218-4989
E-mail: rramirez@ncrel.org

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Valeri Humphrey, Project WILD Coordinator
Wisconsin Department of Natural Resources
Box 7921
Madison, WI 53707
(608) 266-0870/Fax: (608) 264-6293

St. Croix National Scenic Riverway

In addition to in-school and onsite talks, St. Croix National Scenic Riverway offers a "Rivers are Alive" program to educate students about river ecosystems.

Division of Interpretation
St. Croix National Scenic Riverway
P.O. Box 708
St. Croix Falls, WI 54024
(715) 483-3284

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

June Suhling, Administrator
Division of Employment and Training Policy
(DETP)

Wisconsin Department of Industry, Labor, and
Human Relations
201 East Washington Avenue
Madison, WI 53707
(608) 266-2439/Fax: (608) 267-2392

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Chuck Larsen, FAA Aviation Center
Aviation Education Resource Center
Experimental Aircraft Association
3000 Poberezny Road
Oshkosh, WI 54903-3065
(414) 426-4800

Michael J. Wallschlaeger, Chairman
Aviation Education Resource Center
University of Wisconsin at Superior
Division of Education
1800 Grand Avenue
Superior, WI 54880-2898
(715) 394-8309

Duane Esse
Aviation Education Resource Center
DOT Bureau of Aeronautics
4802 Sheboygan Avenue, P.O. Box 7914
Madison, WI 53707-7914
(608) 266-3351

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Lee Carlson, AGL-11
FAA Aviation Education Representative
O'Hare Lake Officer Center
2300 East Devon Avenue
Des Plaines, IL 60018
(708) 294-7042/Fax: (708) 294-7368

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
77 West Jackson Boulevard, Mail Stop PI-19J
Chicago, IL 60604
(312) 353-3209/Fax: (312) 353-1155

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-

paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604
(312) 886-0995/Fax: (312) 353-1155

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jo Ann Charleston
Acting Chief, Office of Educational Programs
NASA Lewis Research Center
21000 Brookpark Road, Mail Stop 7-4
Cleveland, OH 44135-3191
(216) 433-2957

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Lewis Research Center
Teacher Resource Center
21000 Brookpark Road, Mail Stop 8-1
Cleveland, OH 44135-3191
(216) 433-2017

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Wisconsin at LaCrosse
NASA Regional Teacher Resource Center
Murphy Library
LaCrosse, WI 54601
(608) 785-8148/8650

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Wisconsin Space Grant Consortium
University of Wisconsin at Milwaukee
333 Architecture and Urban Planning Building
2131 East Hartford Avenue
Milwaukee, WI 53201-0413
(414) 229-3878

Northeast

Areas Served:

**Connecticut, Maine,
Massachusetts,
New Hampshire,
New York, Puerto Rico,
Rhode Island, Vermont,
and the Virgin Islands**



The Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Alliance for Mathematics and Science Education Reform is 1 of 10 Eisenhower Mathematics and Science Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Alliance is managed by the Technical Education Research Centers (TERC), a non-profit education research and development organization, based in Cambridge, Massachusetts, and dedicated to improving mathematics and science learning.

The Alliance's goal is to provide professional development, technical assistance, information dissemination and other services to strengthen the efforts of State and local mathematics and science education reform leaders. To identify the reform leaders' highest priority needs, the Alliance created "statewide action teams" in each of the nine jurisdictions served. The 10 to 15 member action teams include a diverse group of State and local leaders: State science and mathematics supervisors, State Eisenhower coordinators, math and science teacher association leaders, Statewide Systemic Initiative (SSI) leaders; K-12 classroom teachers; building and district administrators; mathematics, science, and teacher education professors; and representatives from informal education institutions (e.g., museums).

The functions of the action teams are to (1) identify the highest priority needs in their State/island for Alliance services; (2) disseminate to team members' respective constituencies information about Alliance services, reform trends, exemplary programs and materials, and professional development opportunities; and (3) foster increased coordination among the wide array of State and local education reform initiatives within their State/island. An eighteen member Advisory Board, consisting of two representatives

per State, establishes regional priorities for resource allocation, ensures coordination across the region, and advises and guides the Alliance staff.

The Alliance supports four "regional networks," regionwide reform communities of State and local educators addressing key dimensions of mathematics/science/technology (MST) reform: Curriculum/Instruction/Assessment, Equity, K-16, and Public Engagement. Regional networks enable educators to collaborate in developing expertise related to curriculum framework implementation, assessment, equity, professional development, higher education/K-12 collaboration, and strategies for public awareness and engagement. Each regional network is overseen by a steering committee of two representatives per State which determines how best to allocate Alliance funds, staffing, and other resources to support a wide range of network initiatives including training of trainers, an annual network institute, an open Internet e-mail discussion group ("listserv"), newsletters highlighting coming events, policy developments and features on effective reform strategies, online calendar of professional development opportunities, pilot projects, and onsite follow-up technical assistance to participants in Alliance institutes and pilot activities.

The regional Curriculum/Instruction/Assessment network has collaborated with State framework implementation leaders to provide leadership training to local school and district teams. The Alliance has assisted framework leaders in one State to access the expertise and information available from another State in the region. It has supported the development of frameworks addenda designed to translate State frameworks into practical terms for schools. Along with Project 2061 and one SSI, the Alliance has enabled a cadre of trainers to learn about new training tools for professional development in standards-based curriculum and instruction.

The regional Equity network recently held its fourth

annual institute bringing national, State, and local equity leaders together to explore three promising school evaluation strategies for promoting equity in K-12 schools. These strategies entail gathering, analyzing, and publicizing data which assess impacts of schooling on students. This data is disaggregated by gender, race, socioeconomic status, and other key factors to determine whether certain groups of students are left behind in an effort to ensure high level achievement for all students. A plan emerged from the institute to assist interested school districts across the region to develop strong, data driven, local evaluation systems to inform their decisionmaking.

The regional K-16 network also held an annual institute for K-16 teams interested in a strategy to strengthen preservice and inservice education simultaneously known as "professional development schools." In a PDS site, postsecondary and K-12 institutions collaborate on teacher preservice training under the mentoring of experienced K-12 teachers. In PDSs, university faculty and local educators provide both preservice courses in the school sites as well as inservice training keyed to the professional development priorities articulated by school personnel. School and university partners work in action research teams to develop strategies to enhance preservice and inservice education. Institute participants heard from both mature and emerging PDS sites about the potential benefits and challenges in developing and sustaining PDSs. Participants identified a number of initiatives which the K-16 network will address, including publication of a journal on PDS partnerships, research on the impact of PDSs on student achievement and school climate, identification of policies regarding teacher certification, institutional accreditation, and faculty tenure and promotion which recognize and reward K-16 collaboration strategies.

Recently, the Alliance launched a Public Engagement network enabling representatives from each State to share strategies, materials, and information about efforts to communicate with and engage the public more closely in math and science reform. In the near future, the Alliance will establish an Informal Education network to enable museum and other informal science educators to share their work across the region.

Two principles have guided the Alliance's work since its inception: first, that Alliance resources should be devoted to making it easy, affordable, and satisfying for educators to collaborate with one another region-

ally in addressing significant MST reform concerns; and second, that Alliance clients should be provided with the means to set priorities for Alliance services, allocate its resources, and continuously evaluate the Alliance and hold it accountable for delivering on its promises to meet their most substantial needs. The Alliance has adopted a third important principle: to support and enable local K-12 educators to access the resources of the statewide action teams, regional networks, and the Alliance to meet their locally determined needs for math and science reform.

To meet this challenge, the Alliance launched a regionwide "Alliance Schools" initiative, a network of K-12 schools committed to systemic reform efforts and sustained partnerships with State and local leaders in math, science, and technology education. During 1995-96, 36 schools (4 per State/island) were selected by the Regional Alliance's State teams. Alliance Schools represent a cross-section of grade levels, demographics, and experience with MST reform; however, schools enrolling substantial numbers of underserved populations represent a majority of the school sites. Alliance School Partners include representatives of the region's State Systemic Initiatives (SSIs), leaders of the major State MST organizations, professional development specialists, museum and science center educators, and faculty from colleges and universities. The goals of the partnerships are to build capacity in each school to support comprehensive MST reform and to develop a model for replicating and expanding the number of partnerships across the region.

Each Alliance School must have a local plan for MST reform and the Regional Alliance supports an array of professional development and technical assistance opportunities based on the local plans and common issues and concerns across the schools. Schools that do not have e-mail and Internet access will receive accounts for participating teachers and the Alliance will use its extensive electronic networks to connect the schools to each other, their State partners, the Alliance staff and the wider educational community. Each school will be provided with a World Wide Web home page where faculty and students can publish information and share ideas and curriculum lessons. At the first Alliance Schools Institute, over 120 Alliance Schools educators and their State partners met for three days to further develop their professional community, their local MST plans, and their technical skills.

In addition, the Alliance is developing a *Systemic*

Reform Handbook which will orient local educators to key MST reform dimensions, provide case descriptions of effective strategies regarding each reform dimension, describe how educators can link with others in the region who are undertaking these reforms, point readers to excellent information and resources available elsewhere in print and via Internet, and describe how to subscribe to Alliance networks and e-mail discussion groups.

The Alliance information, communication, and dissemination efforts are supported by The Hub, its electronic network. The Hub provides Web access to a wide range of resources and services, including listservs and discussion groups; statewide action team and regional network information; articles and information about mathematics, science, technology, equity, and other MST reform issues; online calendars of events; and links to other important State, regional, and national Web sites.

Mark Kaufman, Director
Dr. Robert T. McLaughlin, Co-Director
Jeanne Harmon, Alliance Schools Coordinator

Eisenhower Regional Alliance for Mathematics and
Science Education Reform
TERC

2067 Massachusetts Avenue
Cambridge, MA 02140

(617) 547-0430/Fax: (617) 349-3535

E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu
jeanne_harmon@terc.edu

WWW: <<http://www.ra.terc.edu>>

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Connecticut

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gene Whaples
Assistant Director, 4-H
University of Connecticut
1376 Storrs Road, Box U-36
Storrs, CT 06269-4036
(203) 486-4127

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

John R.H. Blum
Connecticut Department of Agriculture
165 Capitol Avenue, Room 273
Hartford, CT 06106
(203) 566-4667 / Fax: (203) 566-6576

Dr. Alfred Mannebach
University of Connecticut
249 Glenbrook Road
Storrs, CT 06269-2093
(203) 486-0246

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker
New Hampshire-Maine Sea Grant
Kingman Farm
University of New Hampshire
Durham, NH 03824-3512
(603) 749-1565 / Fax: (603) 743-3997

Department of Defense (DoD)

Nautilus Memorial/Submarine Force Library and Museum

This facility displays the evolution of submarine development from the Revolutionary War to modern submarine class. Visitors can tour the *Nautilus*, the world's first nuclear powered submarine. Reservations are requested for groups of 20 or more. Admission and parking are free.

Submarine Force Museum
Submarine Base New London
Groton, CT 06349-5571
(860) 449-3558
(800) 343-0079

Naval Submarine Base, New London

The Naval Submarine Base at New London participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout Connecticut, Maine, Massachusetts, New Hampshire, New Jersey, Rhode Island, and Vermont.

COMSUBGRU TWO
Commander
Submarine Group Two
Naval Submarine Base, New London
Box 100
Groton, CT 06349-5100
(860) 449-2232

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

James Dargati
Eisenhower Professional Development Program
Connecticut Department of Education
P.O. Box 2219
Hartford, CT 06145
(203) 566-6619/Fax: (203) 566-5623

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Connie Fraser
Director, Legislative Services
Eisenhower Professional Development Program
Connecticut Department of Higher Education
61 Woodland Street
Hartford, CT 06105
(203) 566-3640/Fax: (203) 566-7865

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
Northeast and Islands Regional Educational Laboratory
Brown University
164 Angell Street, Box 1929
Providence, RI 02912
(401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaud, Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be

limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and Marine Minerals
Minerals Management Service
381 Eldon Street, MS 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and Governmental Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Diane A. Chisnall-Joy
Environmental Curriculum Coordinator
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106
(203) 424-3599/Fax: (203) 566-7292

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

John E. Saunders, Deputy Commissioner
Connecticut State Department of Labor
200 Folly Brook Boulevard
Wethersfield, CT 06109
(203) 566-4280/Fax: (203) 566-1520

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Robert Stepanek, Education Director
Aviation Education Resource Center
Connecticut DOT Bureau of Aviation and Ports
New England Air Museum
Bradley International Airport
Windsor, CT 06096
(203) 623-3305

Vivian Manzione, Assistant Director
Platt/Sikorsky School for Aviation
Great Meadow Road
Stratford, CT 06497
(203) 381-9250

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
JFK Federal Building, Mail Stop RPM
Boston, MA 02203
(617) 565-3574/Fax: (617) 565-3415

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1
JFK Federal Building
Boston, MA 02203
(617) 565-9447/Fax: (617) 565-3415

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Maine

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Connecticut Space Grant Consortium
University of Hartford
200 Bloomfield Avenue
West Hartford, CT 06117
(203) 768-4849

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Connecticut's Statewide Systemic Initiatives Program includes the Connecticut Academy for Education in Mathematics, Science, and Technology; curriculum revisions; collaboration among teacher education programs and science centers; public science literacy projects; and projects designed to involve businesses with school districts.

Richard Cole, Director
Connecticut Academy
178 Cross Street
Middletown, CT 06457
(203) 346-1177 / Fax: (203) 346-2157

Germain Bermudezm, Project Director
PROJECT CONNSTRUCT
State Department of Education
P.O. Box 2219
Hartford, CT 06145
(203) 566-2931 / Fax: (203) 566-5623

Maine

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dorothea Cloutier
Program Administrator, 4-H
• 5741 Libby Hall, Room 103
University of Maine CES
Orono, ME 04469-5741
(207) 581-3188

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Mark James
P.O. Box 430
Augusta, ME 04332-0430
(207) 622-4111

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker
 New Hampshire-Maine Sea Grant
 Kingman Farm
 University of New Hampshire
 Durham, NH 03824-3512
 (603) 749-1565/Fax: (603) 743-3997

Wells National Estuarine Research Reserve

The Wells National Estuarine Research Reserve has an onsite program for 4th grade students, as well as a Junior Research summer program. Estuarine ecology curriculum materials for grades K-8 are also available. Reservations are required.

Henrietta List, Education Coordinator
 Wells National Estuarine Research Reserve
 Rural Route 2, Box 806
 Wells, ME 04090
 (207) 646-1555/Fax: (207) 646-2930

Department of Defense (DoD)

Naval Air Station, Brunswick

The Naval Air Station in Brunswick, Maine, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

NAS Brunswick
 Commanding Officer
 AIMD Box 1
 Brunswick, ME 04011-5001
 (207) 921-2493

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Thomas Keller
 Eisenhower Professional Development Program
 Maine Department of Education
 State House Station #23
 Augusta, ME 04333
 (207) 287-5925/Fax: (207) 287-5927

Jackie Mitchell
 Eisenhower Professional Development Program
 State Agency for Higher Education
 Maine Department of Education
 State House Station #23
 Augusta, ME 04333
 (207) 289-5937/Fax: (207) 287-5927

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Jacqueline P. Mitchell
 Eisenhower Professional Development Program
 Maine Department of Education
 State House Station #23
 Augusta, ME 04333
 (207) 287-2183/Fax: (207) 287-5927

Fred Douglas
 Eisenhower Professional Development Program
 Maine Department of Education
 State House Station #23
 Augusta, ME 04333
 (207) 287-2183/Fax: (207) 287-5927

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
 Northeast and Islands Regional Educational Laboratory
 Brown University
 164 Angell Street, Box 1929
 Providence, RI 02912
 (401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics
and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of the Interior (DOI)

Acadia National Park

Acadia National Park offers guided tours and nature walks in addition to other environmental education activities.

Office of Interpretation
Acadia National Park
P.O. Box 177
Bar Harbor, ME 04609
(207) 288-5456

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental
Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine
Minerals
Minerals Management Service
381 Eldon Street, MS 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Moosehorn National Wildlife Preserve

Programs at the Moosehorn National Wildlife Preserve include guided nature tours and in-class presentations. Curriculum materials are available upon request.

Public Use Specialist
Moosehorn National Wildlife Preserve
P.O. Box 1077
Calsis, ME 04619
(207) 454-3521/Fax: (207) 454-2550

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Lisa Kane, Project WILD Coordinator
Maine Department of Inland Fisheries
284 State Street
Augusta, ME 04333
(207) 289-3303/Fax: (207) 287-6395

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Charles A. Morrison, Commissioner
Maine Department of Labor
20 Union Street, P.O. Box 309
Augusta, ME 04330
(207) 289-3788/Fax: (207) 289-5292

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Sue Doner
Aviation Education Resource Center
Kennebec Valley Technical College
92 Western Avenue
Fairfield, ME 04937-0020
(207) 453-9762

Sara Jane Poli
Aviation Education Resource Center
Biddeford School Department
Maplewood Avenue
Biddeford, ME 04005
(207) 282-8280

Mark Sanborn, Assistant Director
Aviation Education Resource Center
Penobscot Nation Tribal Administration
Vocational Training and Education
6 River Road, Community Building
Indian Island, ME 04468
(207) 827-7776

Timothy D. Crowley, Dean of Students
Aviation Education Resource Center
Northern Maine Technical Center
33 Edgemont Drive
Presque Isle, ME 04769
(207) 769-2461

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
JFK Federal Building, Mail Stop RPM
Boston, MA 02203
(617) 565-3574/Fax: (617) 565-3415

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1
JFK Federal Building
Boston, MA 02203
(617) 565-9447/Fax: (617) 565-3415

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Maine Space Grant Consortium
Maine Science and Technology Commission
87 Winthrop Street
Augusta, ME 04330
(207) 621-6350

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

The primary focus of Maine's Statewide Systemic Initiatives Program is on curriculum changes, teacher preparation and enhancement, the alignment of curriculum with assessment, and the establishment of "beacon" lab schools to test new curricula and teaching methods. In addition, "beacon colleges" will reform teacher preparation. This initiative also includes community awareness programs, progressive institutes and workshops for teachers, and the increased use of technology.

Jacqueline Mitchell
Maine Department of Education
Augusta, ME 04333-5359
(207) 287-5937 / Fax: (207) 287-5927
E-mail: jmitchell@ssi.edc.org

Thomas Clark, Director
Maine Mathematics and Science Alliance
Maine Department of Education
Augusta, ME 04332-5359
(207) 287-5881 / Fax: (207) 287-5885
E-mail: tclark@ssi.edc.org

Massachusetts

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Thomas M. Waskiewicz
Youth Development
4-H Program Coordinator
University of Massachusetts
214 Stockbridge Hall
Amherst, MA 01003
(413) 545-2646

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Pam Comstock
Massachusetts Farm Bureau Federation
P.O. Box 651
Bedford, MA 01730

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker
New Hampshire-Maine Sea Grant
Kingman Farm
University of New Hampshire
Durham, NH 03824-3512
(603) 749-1565/Fax: (603) 743-3997

Stellwagen Bank National Marine Sanctuary

Stellwagen Bank National Marine Sanctuary was recently designated a marine sanctuary. Educational programs involving environmental science are being developed.

Ann Smrcina, Education Coordinator
Stellwagen Bank National Marine Sanctuary
14 Union Street
Plymouth, MA 02360
(508) 747-1691/Fax: (508) 747-1949

Waquoit Bay National Estuarine Research Reserve

The Waquoit Bay National Estuarine Research Reserve offers intern programs, interpretive walks, and watershed curriculum.

Joan Muller, Education Coordinator
Waquoit Bay National Estuarine Research Reserve
149 Waquoit Highway
P.O. Box 3092
Waquoit, MA 02536
(508) 457-0495/Fax: (508) 727-5537

Department of Defense (DoD)

Science and Engineering Apprentice Program

This DoD-sponsored program is administered by the George Washington University. It is designed to provide local high school students with research experience. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Marilyn Joy
U.S. Army Soldier Systems Command
Attn: AMSSC-SDP
Natick, MA 01760-5013
(508) 233-5089

U.S. Army Natick Research, Development, and Engineering Center

The Natick Center offers informal internships and mentoring activities to students in a variety of disciplines. The Center also participates in the U.S. Army High School Science and Mathematics Faculty Summer Research Program administered by the Army Research Office.

U.S. Army Natick Research, Development, and
Engineering Center
Kansas Street
Natick, MA 01760-5000
(508) 233-4300

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Neil Davidson, Executive Director
Division School Programs
Eisenhower Professional Development Program
Massachusetts Department of Education
350 Main Street
Malden, MA 02148-5023
(617) 338-3300, ext. 248/Fax: (617) 308-3395

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Lynette Robinson-Weening
Eisenhower Professional Development Program
Massachusetts Higher Education Coordinating
Council
McCormack Building, Room 1401
One Ashburton Place
Boston, MA 02108-1696
(617) 727-7785, ext. 246/Fax: (617) 727-6397

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
Northeast and Islands Regional Educational
Laboratory
Brown University
164 Angell Street, Box 1929
Providence, RI 02912
(401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics
and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaldo,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of Energy (DOE)

Bates Linear Accelerator Center

Bates Linear Accelerator Center supports nuclear physics experiments by researchers from 47 educational institutions and has recently added continuous beam capability.

Wade Sapp, Principal Research Scientist
Bates Linear Accelerator Center
P.O. Box 846
Middleton, MA 01949
(617) 253-9200/Fax: (617) 253-9599

Boston Regional Support Office

The regional office participates in energy education programs for both teachers and students. Notable among these are the monthly meetings of the New England Energy Task Force. These meetings focus on energy efficiency and renewable energy development in New England. Participation by teachers and students is invited and welcome. High priority is accorded to energy-related queries of teachers and students. The office seeks to provide state-of-the-art information and referral as appropriate to DOE's vast network of science and mathematics education resources. The Boston Regional Support Office also sponsors a Regional Science Bowl.

Public Affairs Officer and Education Liaison
U.S. Department of Energy
One Congress Street
Boston, MA 02114
(617) 565-9705/Fax: (617) 565-9723

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Cape Cod National Seashore

Cape Cod National Seashore offers a residential environmental education program for students. Curriculum materials and other onsite activities are available upon request.

Division of Interpretation
Cape Cod National Seashore
South Wellsfleet, MA 02663
(508) 349-3785

Great Meadows National Wildlife Refuge

Great Meadows National Wildlife Refuge operates a classroom laboratory for wetlands study. Teachers must complete a wetlands workshop prior to conducting a class in the laboratory.

Outdoor Recreation Planner
Great Meadows National Wildlife Refuge
Weir Hill Road
Sudbury, MA 01776
(508) 443-4661 / Fax: (508) 443-2898

Minerals Management Service (MMS) Regional Office

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Office of Communications and Governmental
Affairs

Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985 / Fax: (202) 208-6198

Office of International Activities and Marine
Minerals

Minerals Management Service
381 Eldon Street, Mail Stop 4030
Herndon, VA 22070-4817
(703) 787-2393 / Fax: (703) 787-1284

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Cleti Cervoni, Project WILD Co-Coordinator
Massachusetts Audubon Society
South Great Road
Lincoln, MA 01773-1460
(617) 259-9506, ext. 7252 / Fax: (617) 259-8899

Marion Larson, Project WILD Co-Coordinator
Division of Fisheries and Wildlife
Route 135
Westboro, MA 01581
(508) 792-7270 / Fax: (508) 792-7275

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Nils L. Nordberg, Commissioner
Massachusetts Department of Employment and
Training
Charles F. Hurley Building
Government Center, 19 Staniford Street
Boston, MA 02114
(617) 727-6600 / Fax: (617) 727-0315

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Bill Annesley
Aviation Education Resource Center
Bridgewater State College
Management Science and Aviation Science
Department
Bridgewater, MA 02325
(508) 697-1395

Dr. Toby Penstlen
Aviation Education Resource Center
Massachusetts Aeronautics Commission
Transportation Library, 10 Park Plaza
Boston, MA 02116-3966
(617) 973-8000

Maureen McCartney, Director of Career Services
Aviation Education Resource Center
Westfield State College
Ely Campus Center, Western Avenue
Westfield, MA 01086
(413) 568-3311, ext. 206

Dr. Nicholas Tzimopoulos, Director
Aviation Education Resource Center
Lexington Public School System
Curriculum/Science Education
1557 Massachusetts Avenue
Lexington, MA 02173
(617) 861-2484

Dr. Robert Finklestein
Aviation Education Resource Center
North Shore Community College
One Ferncroft Road
Danvers, MA 01923
(508) 762-4000, ext. 6296

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
JFK Federal Building, Mail Stop RPM
Boston, MA 02203
(617) 565-3574/Fax: (617) 565-3415

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States

and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1
JFK Federal Building
Boston, MA 02203
(617) 565-9447/Fax: (617) 565-3415

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly dis-

tributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Bridgewater State College
NASA Regional Teacher Resource Center
Office of Sponsored Projects
Bridgewater, MA 02325
(508) 697-1242

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Massachusetts Space Grant Consortium
Massachusetts Institute of Technology
Aeronautics and Astronautics
77 Massachusetts Avenue
Building 37, Room 207
Cambridge, MA 02139
(617) 253-7759

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

The goals for the Massachusetts Statewide Systemic Initiatives Program include producing the State's first science and mathematics curriculum frameworks; professional development opportunities, focused on reflective, inquiry-based teaching and a science and mathematics content; improving teacher preparation programs; and establishing partnerships among schools, higher education institutions, businesses, parents, and the community.

David P. Driscoll
Massachusetts Department of Education
350 Main Street
Malden, MA 02148-5023
(617) 388-3300, ext. 103/Fax: (617) 388-3395
E-mail: ddriscoll@doe.mass.edu

New Hampshire

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Edward H. McAllister, Program Leader
4-H and Youth Development
University of New Hampshire
59 College Road, 119 Taylor Hall
Durham, NH 03824
(603) 862-2161

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Lynne Blye
Department of Agriculture
P.O. Box 2042
Concord, NH 03302
(603) 271-3696/Fax: (603) 271-1109

Department of Commerce (DOC)

Great Bay National Estuarine Research Reserve

The Great Bay National Estuarine Research Reserve operates the Sandy Point Interpretive Center, which includes exhibits that describe the human and natural histories of the Bay. Some programs are available for secondary students and teachers.

Betsy Franz, Education Coordinator
Great Bay National Estuarine Research Reserve
New Hampshire Fish and Game Department
225 Main Street
Durham, NH 03824
(603) 868-1095/Fax: (603) 271-1438

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker
New Hampshire-Maine Sea Grant
Kingman Farm
University of New Hampshire
Durham, NH 03824-3512
(603) 749-1565/Fax: (603) 743-3997

Department of Defense (DoD)

U.S. Army Cold Regions Research and Engineering Laboratory

The Cold Regions Research and Engineering Laboratory manages an apprenticeship program for high school students that is focused upon juniors in local schools. The program's purpose is to encourage continuation in mathematics, science, and engineering studies.

Audrey Vaughan
Cold Regions Research and Engineering
Laboratory
Office of Human Resources
72 Lyme Road
Hanover, NH 03755-1290
(603) 646-4645

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Edward J. Hendry
Eisenhower Professional Development Program
New Hampshire Department of Education
101 Pleasant Street
Concord, NH 03301
(603) 271-2632/Fax: (603) 271-1953

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Edward J. Hendry
Eisenhower Professional Development Program
New Hampshire Department of Education
101 Pleasant Street
Concord, NH 03301
(603) 271-2632/Fax: (603) 271-1953

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
Northeast and Islands Regional Educational
Laboratory
Brown University
164 Angell Street, Box 1929
Providence, RI 02912
(401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics
and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of International Activities and Marine Minerals
Minerals Management Service
381 Eldon Street, MS 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Office of Communications and Governmental Affairs

Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Judy Silverberg, Project WILD Coordinator
New Hampshire Fish and Game Department
Two Hazen Drive
Concord, NH 03301
(603) 271-3212/Fax: (603) 271-1438

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Ray O. Worden, Executive Director
New Hampshire Job Training Coordinating Council
64B Old Suncook Road
Concord, NH 03301
(603) 228-9500/Fax: (603) 228-8557

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA

will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Ronald Wanner
Aviation Education Resource Center
New Hampshire DOT Division of Aeronautics
65 Airport Road, Concord Municipal Airport
Concord, NH 03301-5298
(603) 271-2551

Hanna McCarthy, President
Aviation Education Resource Center
Daniel Webster College
20 University Drive
Nashua, NH 03063-1699
(603) 883-3556

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
JFK Federal Building, Mail Stop RPM
Boston, MA 02203
(617) 565-3574/Fax: (617) 565-3415

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program

is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1
JFK Federal Building
Boston, MA 02203
(617) 565-9447/Fax: (617) 565-3415

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Hampshire Space Grant Consortium
Institute for the Study of Earth, Oceans, and Space
University of New Hampshire, Morse Hall
Durham, NH 03824-3525
(603) 862-0094

New York

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Ron Jones
State 4-H Program Leader
4-H Youth Development, Cornell University
Roberts Hall, Room 354
Ithaca, NY 14853-4203
(607) 255-2233

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Andrew Fagan
Cornell University
408 Kennedy Hall
Ithaca, NY 14853-5901
(607) 255-8122/Fax: (607) 255-7905

Department of Commerce (DOC)

Hudson River National Estuarine Research Reserve

The Hudson River National Estuarine Research Reserve offers professional development workshops for educators and operates an Educational Resource Library. The Reserve also has onsite and outreach interpretive programs.

Dennis Mildner, Education Coordinator
Hudson River National Estuarine Research Reserve
New York State Department of Environmental Conservation
c/o Bard College Field Station
Annandale-On-Hudson, NY 12504
(914) 758-5193/Fax: (914) 758-8273

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker
New Hampshire-Maine Sea Grant
Kingman Farm
University of New Hampshire
Durham, NH 03824-3512
(603) 749-1565/Fax: (603) 743-3997

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Laurie A. Rowe
Eisenhower Professional Development Program
New York Education Department
Room 979 EBA
Albany, NY 12234
(518) 473-1388/Fax: (518) 486-7336
E-mail: lrowe@inet.ed.gov

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Carol Blunt-White
Eisenhower Professional Development Program
New York State Education Department
Empire State Plaza
Cultural Education Center, Room 5064
Albany, NY 12230
(518) 486-6042/Fax: (518) 486-3239

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
Northeast and Islands Regional Educational Laboratory
Brown University
164 Angell Street, Box 1929
Providence, RI 02912
(401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics
and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of Energy (DOE)

Brookhaven National Laboratory

Brookhaven National Laboratory provides teacher workshops, student and faculty research apprenticeships, outreach, and onsite programs.

Karl Swyler, Head
Educational Programs
Brookhaven National Laboratory
14 Brookhaven Avenue, Building 438
P.O. Box 5000
Upton, NY 11973
(516) 282-7171/Fax: (516) 282-5832
E-mail: swyler@bnl.gov

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Fire Island National Seashore

Programs include guided nature walks, teacher workshops, and a Junior Ranger Program. A teacher's guide that emphasizes the geology, history, ecology, and zoology of Fire Island is available.

Division of Interpretation
Fire Island National Seashore
120 Laurel Street
Patchogue, NY 11772
(516) 289-4810

Gateway National Recreation Area

Programs at the Gateway National Recreation Area are primarily for grades 4-6, although programs can be arranged for other grade levels. Teachers must attend a 1-day seminar about the park prior to bringing their students.

Division of Interpretation
Gateway National Recreation Area
Building 69, Floyd Bennett Field
Brooklyn, NY 11234
(718) 338-4376

Iroquois National Wildlife Refuge

Teacher workshops and guided tours are offered at the Iroquois National Wildlife Refuge to promote environmental education.

Outdoor Recreation Planner
Iroquois National Wildlife Refuge
P.O. Box 517, Casey Road
Alabama, NY 14003
(716) 948-9154/Fax: (716) 948-9538

Long Island National Wildlife Refuge Complex

Teacher workshops held at the Long Island National Wildlife Refuge Complex promote environmental education, curriculum materials, and various interpretation programs for students.

Outdoor Recreation Planner
Long Island National Wildlife Refuge Complex
P.O. Box 21
Shirley, NY 11967
(516) 286-0485/Fax: (516) 286-4003

Montezuma National Wildlife Refuge

Montezuma National Wildlife Refuge has a video library, environmental education activities, curriculum materials, and guided nature tours.

Outdoor Recreation Planner
Montezuma National Wildlife Refuge
3395 Route 5/20 East
Seneca Falls, NY 13148
(315) 568-5987/Fax: (315) 568-8835

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Frank Knight
New York Department of Environmental
Conservation
50 Wolf Road, Room 504
Albany, NY 12233
(518) 457-3720/Fax: (518) 547-0855

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

John F. Hudacs, Commissioner
New York State Department of Labor
State Office Building Campus
Building 12, Room 500
Albany, NY 12240
(518) 457-2741/Fax: (518) 457-6908

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Federal Aviation Administration (FAA) Aviation Education Resource Centers

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Dr. Albert E. Donor
Provost and Executive Vice President
Aviation Education Resource Center
Dowling College
Oakdale, NY 11769
(516) 244-3200

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Jim Szakary, AEA-61
FAA Aviation Education Representative
JFK International Airport
Federal Building, #111
Jamaica, NY 11430
(718) 553-3364/Fax: (718) 553-1455

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
26 Federal Plaza, Mail Stop Room 905
New York, NY 10278
(212) 637-3671/Fax: (212) 637-4445

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 2
290 Broadway
New York, NY 10007
(212) 637-3678/Fax: (212) 597-6685

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

The City College
NASA Regional Teacher Resource Center
Harris Hall, Room 109
Convent Avenue at 138th Street
New York, NY 10031
(212) 650-6993

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New York Space Grant Consortium
Department of Astronomy
Cornell University
318 Space Sciences Building
Ithaca, NY 14853
(607) 255-8544

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

The New York Statewide Systemic Initiatives Program's New Compact for Learning is a major reform in the State's six largest urban school districts: Albany, Buffalo, New York, Rochester, Syracuse, and Yonkers. Under this program, the districts develop or expand local partnerships. The State provides support through State field-based assistance teams, staff development efforts, and a new school quality review program.

Carolyn Graham
State Education Department
Washington Avenue
Albany, NY 12234
(518) 784-9471/Fax: (518) 473-0259

Puerto Rico

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Rafel Pierrioms
Acting State 4-H Leader
Cooperative Extension Service
College Station Building C
Mayaguez, PR 00708

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dave Heilig
USDA/SCS
Caribbean Area State Office
G.P.O. Box 4868
San Juan, PR 00936
(809) 498-5206

Department of Commerce (DOC)

Jobos Bay National Estuarine Research Reserve

The Jobos Bay National Estuarine Research Reserve offers interpretive exhibits, in-school presentations, and guided canoe trips. Reservations are required.

Alida Ortiz, Education Coordinator
Jobos Bay National Estuarine Research Reserve
Call Box B
Aguirre, PR 00704
(809) 853-4617/Fax: (809) 853-4618

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker
Mississippi-Alabama Sea Grant Consortium and
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(601) 374-5550/Fax: (601) 374-5559

Department of Education (ED)

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Delma Santiago
Eisenhower Professional Development Program
Puerto Rico Council of Higher Education
P.O. Box 19900-1900, U.P.R. Station
Rio Piedras, PR 00910
(809) 724-7100, ext. 2056

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
Northeast and Islands Regional Educational Laboratory
Brown University
164 Angell Street, Box 1929
Providence, RI 02912
(401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

Department of the Interior (DOI)

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Aileen T. Velazco
Department of Natural and Environmental
Resources
Puerta de Tierra
P.O. Box 5887
San Juan, PR 00906
(809) 725-8619/Fax: (809) 724-0365

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Ardin Teron, President
Technological-Occupational Education Council
431 Ponce de Leon, 16th Floor
Hato Rey, PR 00918
(809) 754-5633/Fax: (809) 763-0195

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
26 Federal Plaza, Mail Stop Room 905
New York, NY 10278
(212) 637-3671/Fax: (212) 637-4445

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the

President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 2
290 Broadway
New York, NY 10007
(212) 637-3678/Fax: (212) 597-6685

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak
Chief, Education Services Branch
NASA John F. Kennedy Space Center
Mail Code PA-ESB
Kennedy Space Center, FL 32899-0001
(407) 867-4444

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center
Educators Resources Center
Mail Code ERC
Kennedy Space Center, FL 32899-0001
(407) 867-4090

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space

education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Puerto Rico Space Grant Consortium
University of Puerto Rico
Resource Center for Science and Engineering
P.O. Box 5000, College Station
Mayaguez, PR 00681-5000
(809) 831-1022

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Puerto Rico's Statewide Systemic Initiative, a joint venture between the U.S. Department of Education Resource Center for Science and Engineering and the Puerto Rico General Council of Education, will focus on students' cognitive abilities and depth of scientific understanding, revise teacher preparation, promote community involvement, and develop new assessment methods.

Manuel Gomez
Resource Center for Science and Engineering
University of Puerto Rico
P.O. Box 23334, University Station
San Juan, PR 00931-3334
(809) 764-8369/Fax: (809) 764-0625

Pedro Rodrigues-Esquerdo
Resource Center for Science and Engineering
University of Puerto Rico
P.O. Box 23334, University Station
San Juan, PR 00931-3334
(809) 764-7320/Fax: (809) 751-0625

Rhode Island

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. J. Whitney Bancroft
State 4-H Coordinator
University of Rhode Island
Woodward Hall
Kingston, RI 02881-0804
(401) 792-2435

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Carol Stamp
1 Stamp Place
South Country Trail
Exeter, RI 02822
(401) 783-7704

Department of Commerce (DOC)

Narragansett Bay National Estuarine Research Reserve

Offsite estuarine education programs are conducted by naturalists at the Narragansett Bay National Estuarine Research Reserve throughout the summer. Reservations are required. The Reserve also offers on- and offsite wayside exhibits about estuarine ecology and historical uses of the Reserve.

Roger Greene, Education Coordinator
Narragansett Bay National Estuarine Research Reserve
Department of Environmental Management
P.O. Box 151
Prudence Island, RI 02872
(401) 683-5061/Fax: (401) 277-6802

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Meeker
New Hampshire-Maine Sea Grant
Kingman Farm
University of New Hampshire
Durham, NH 03824-3512
(603) 749-1565/Fax: (603) 743-3997

Department of Defense (DoD)

Naval War College Museum

The college museum features exhibits on the history of naval warfare and also identifies the milestones in the evolution of war at sea, including technological advances.

Naval War College Museum
Naval War College
686 Cushing Road
Newport, RI 02841-1207
(401) 841-4052

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Richard Latham
Eisenhower Professional Development Program
Rhode Island Department of Education
22 Hayes Street
Providence, RI 02908
(401) 277-6523/Fax: (401) 277-6178

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Chris Wessells
Dr. Cynthia V.L. Ward, Associate Commissioner
Eisenhower Professional Development Program
Rhode Island Office of Higher Education
301 Promenade Street
Providence, RI 02908-5720
(401) 277-6560, ext. 133/Fax: (401) 277-6111

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
Northeast and Islands Regional Educational Laboratory
Brown University
164 Angell Street, Box 1929
Providence, RI 02912
(401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribaudo,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States
Office provides information about educational pro-
grams, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office
provides educational services directed at sharing
information about a variety of subjects. Teacher
inservice programs and classroom visitations may
include supplemental materials. Availability may be
limited, but arrangements may be made for duplica-
tion of some materials at minimal cost.

Office of Communications and Governmental
Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine
Minerals
Minerals Management Service
381 Eldon Street, Mail Stop 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Ninigret National Wildlife Refuge

Ninigret National Wildlife Refuge offers a wildlife
management and environmental education program
for students of all ages. Outreach programs, teacher
workshops, and field trips are also sponsored.

Outdoor Recreation Planner
Shoreline Plaza, Route 1A
P.O. Box 307
Charlestown, RI 02813
(401) 364-9124/Fax: (401) 364-0170

Project WILD

Project WILD offers teacher training and educational
materials. Teacher guides, which contain more than
80 supplementary, interdisciplinary activities for
grades K-12, are free to teachers who attend the
training session.

Chris Dudley, Project WILD Coordinator
Rhode Island Division of Fish and Wildlife
P.O. Box 218
West Kingston, RI 02892
(401) 789-0281/Fax: (401) 783-7490

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide
information about the Job Training Partnership Act
State and local programs for economically disadvan-
taged adults and youth.

Marvin D. Perry, Director
Job Training Partnership Office
Rhode Island Department of Employment and
Training
101 Friendship Street
Providence, RI 02903-3740
(401) 277-3600/Fax: (401) 277-2731

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along
with a host educational institution, cosponsors this
1-week summer aviation education program for high

school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain

and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Anthony Gagliardi
Aviation Education Resource Center
Warwick Public Schools
Warwick Career and Technical School
575 Centerville Road
Warwick, RI 02886
(401) 737-3300

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Environmental Protection Agency (EPA)

Environmental Research Laboratory

Students have the opportunity to interact directly with scientists at the Environmental Research Laboratory through a mentorship program.

U.S. Environmental Protection Agency
Environmental Research Laboratory
South Ferry Road
Narragansett, RI 02882
(401) 782-3028

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
JFK Federal Building, Mail Stop RPM
Boston, MA 02203
(617) 565-3574/Fax: (617) 565-3415

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1
JFK Federal Building
Boston, MA 02203
(617) 565-9447/Fax: (617) 565-3415

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

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NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Rhode Island College
NASA Regional Teacher Resource Center
Curriculum Resources Center
600 Mount Pleasant Avenue
Providence, RI 02908
(401) 456-8567/8065

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Rhode Island Space Grant Consortium
Department of Geological Sciences
Box 1846
Brown University
Providence, RI 02912-1846
(401) 863-2417

Vermont

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Mary Carlson
4-H Youth Development Specialist
University of Vermont
102B Morrill Hall
Burlington, VT 05405
(802) 656-0311

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Susan R. Duerst
Vermont Farm Bureau
RR2 Box 123
Richmond, VT 05477

Megan Camp
Shelburne Farms
Shelburne, VT 05482
(802) 985-8686/Fax: (802) 985-8498

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Peg Meyer
Eisenhower Professional Development
Coordinator
Eisenhower Professional Development Program
Vermont Department of Education
120 State Street
Montpelier, VT 05602
(802) 828-3111/Fax: (802) 828-3140/3146

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Robert Kenney
Eisenhower Professional Development Program
Vermont Department of Education
120 State Street
Montpelier, VT 05602
(802) 828-3111/Fax: (802) 828-3140

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
Northeast and Islands Regional Educational
Laboratory
Brown University
164 Angell Street, Box 1929
Providence, RI 02912
(401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics
and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Bonnie Brownstein and Michael Ribauda,
Co-Directors
NetTech
CUNY
555 West 57th Street
New York, NY 10017
(212) 541-0972/Fax: (212) 541-0357
E-mail: bibbh@cunyvm.cuny.edu

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher

in-service programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental
Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine
Minerals
Minerals Management Service
381 Eldon Street, MS 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Mark Scott, Project WILD Coordinator
Department of Fish and Wildlife
103 South Main Street
Waterbury, VT 05676
(802) 241-3700/Fax: (802) 241-3295

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Rober. Ware
Department of Employment and Training
5 Green Mountain Drive, P.O. Box 488
Montpelier, VT 05601-0488
(802) 828-4300/Fax: (802) 828-4022

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

John Barney, Vocational Director
Aviation Education Resource Center
St. Johnsbury Academy
St. Johnsbury, VT 05816
(802) 748-8171

Rick Sylvester, Aviation Instructor
State of Vermont
RM A-322 Burlington Tech. Center
52 Institute
Burlington, VT 05401
(802) 864-8424

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Shelia Bauer, ANE-45
FAA Aviation Education Representative
12 New England Executive Park
Burlington, MA 01803
(617) 238-7378/Fax: (617) 238-7007

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
JFK Federal Building, Mail Stop RPM
Boston, MA 02203
(617) 565-3574/Fax: (617) 565-3415

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 1
JFK Federal Building
Boston, MA 02203
(617) 565-9447/Fax: (617) 565-3415

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Education Programs
Code 130
NASA Goddard Space Flight Center
Greenbelt, MD 20771-0001
(301) 286-7206

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Goddard Space Flight Center
Teacher Resource Laboratory
Mail Code 130.3
Greenbelt, MD 20771-0001
(301) 286-8570

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Norwich University
Vermont College Educational Resource Center
NASA Regional Teacher Resource Center
Schulmaier Hall
Montpelier, VT 05602
(802) 828-8845

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Vermont Space Grant Consortium
University of Vermont
Department of Mathematics and Statistics
College of Engineering and Mathematics
16 Colchester Avenue
Burlington, VT 05405
(802) 656-2940

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

The major components of Vermont's Statewide Systemic Initiatives Program are the statewide curriculum framework, intensive development of the teaching staff, new performance assessments, and a statewide telecomputing network linking schools, business, and higher education.

Bruce Richardson
Vermont State University
311 Waterman Building
College of Education and Social Services
Burlington, VT 05405
E-mail: Bruce_Richardson@together.org

Virgin Islands

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Zoraida Jacobs, Program Leader, 4-H
University of the Virgin Islands
Rural Route 02, Box 10,000 Kingshill
St. Croix, VI 00850

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Otis Hicks
P.O. Box 304
Christianstad
St. Croix, VI 00821-0804
(809) 773-0758

Eric Bough
Department of Economic Development and
Agriculture
St. Croix, VI 00850
(809) 778-0991

Department of Education (ED)

Northeast and Islands Regional Educational Laboratory

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Dr. Mary Fitzgerald, Executive Director
Northeast and Islands Regional Educational
Laboratory
Brown University
164 Angell Street, Box 1929
Providence, RI 02912
(401) 863-2777

Regional Alliance for Mathematics and Science Education Reform

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Mark Kaufman, Director
Robert McLaughlin, Co-Director
Eisenhower Regional Alliance for Mathematics
and Science Education Reform
TERC
2067 Massachusetts Avenue
Cambridge, MA 02140
(617) 547-0430/Fax: (617) 349-3535
E-mail: mark_kaufman@terc.edu
bob_mclaughlin@terc.edu

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Carol M. Burke, Assistant Commissioner
Employment and Training
Virgin Islands Department of Labor
7 and 8 Queen Streets, C'sted
St. Croix, VI 00820
(809) 773-1994/Fax: (809) 773-1515

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in

the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

National Congress on Aviation and Space Education

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George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
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Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
26 Federal Plaza, Mail Stop Room 905
New York, NY 10278
(212) 637-3671/Fax: (212) 637-4445

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 2
290 Broadway
New York, NY 10007
(212) 637-3678/Fax: (212) 597-6685

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak
Chief, Education Services Branch
NASA John F. Kennedy Space Center
Mail Code PA-ESB
Kennedy Space Center, FL 32899-0001
(407) 867-4444

NASA Teacher Resource Center

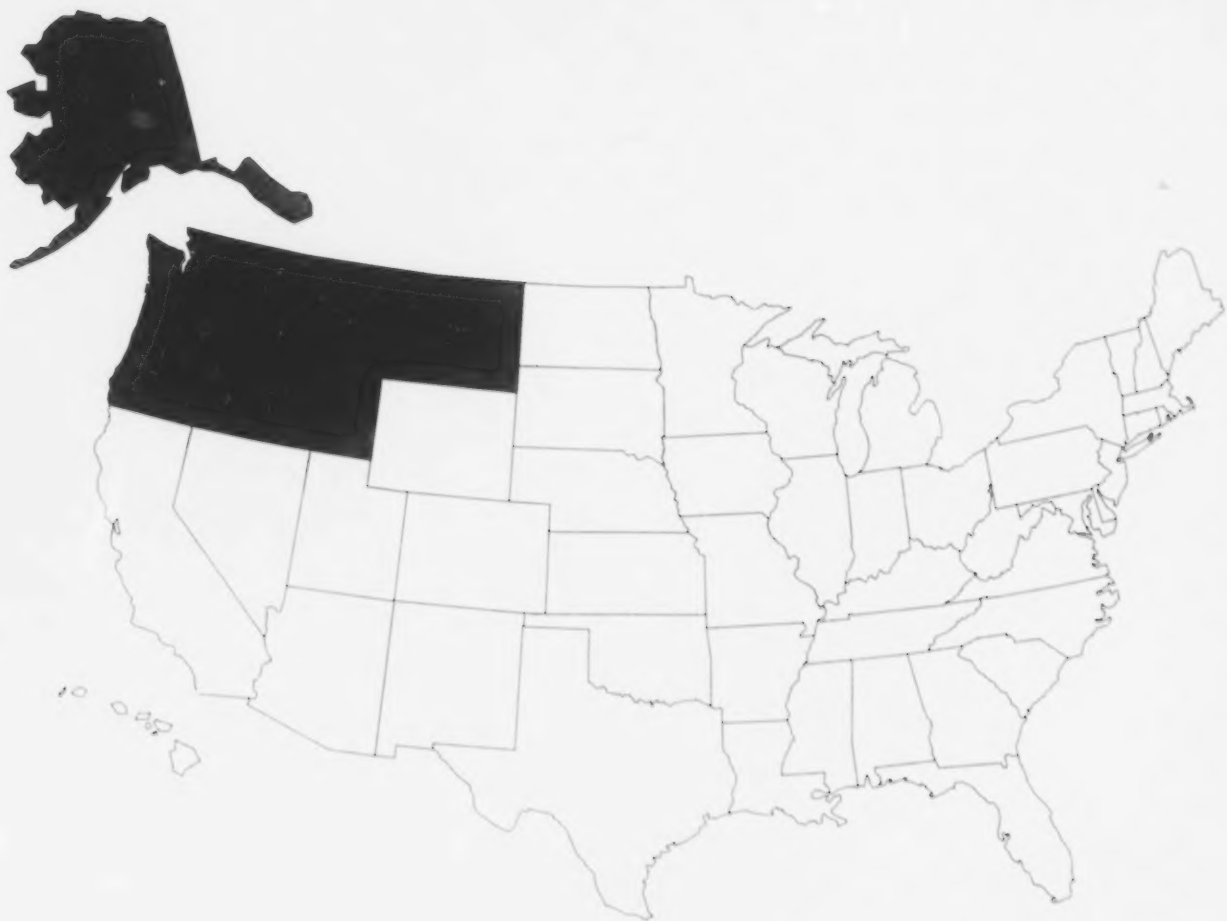
The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center
Educators Resources Center
Mail Code ERC
Kennedy Space Center, FL 32899-0001
(407) 867-4090

Northwest

Areas Served:

**Alaska, Idaho,
Montana, Oregon,
and Washington**



Science and Mathematics Consortium for Northwest Schools

The Columbia Education Center (CEC), serving as the coordinating agency for education and education-related interests in Alaska, Idaho, Montana, Oregon, and Washington, is administering the Science and Mathematics Consortium for Northwest Schools (SMCNWS) project.

As 1 of 10 regional consortia established across the United States by Congress and administered by the U.S. Department of Education, SMCNWS is a member of the National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse (ENC) for Mathematics and Science Education. This organization serves an overall coordinating function in support of consortia activities that focus on nationwide priorities.

The Northwest is a huge area with a comparatively sparse population—only about 10.6 million inhabitants in a region covering 982,000 square miles, nearly 28 percent of the Nation's land area. School enrollment includes roughly 2 million young people and 100,000 teachers in 4,500 schools, grades K-12. In serving the five Northwest States, SMCNWS' overall purpose is to provide catalytic support that will broaden the effect, accelerate the pace, and increase the effectiveness of improvements in the region's science and mathematics education by:

- Identifying and disseminating exemplary and promising educational programs, practices, and materials available from local, State, regional, and national sources.
- Providing technical assistance and training in support of State and local expectations for demanding content, as well as reform-focused curriculum improvement and staff development initiatives.

Philosophically, SMCNWS is predicated on the belief that the "DNA" of American education is the classroom—that the key to educational reform is what happens (or does not happen) at the local school and

teacher education levels. With this fundamental belief, therefore, the project focuses on designs and operations that directly serve practitioners—elementary, middle school, and high school teachers, as well as college instructors—those who are charged with carrying out the challenge of leading American education on a day-to-day basis.

Thus, "How will this affect the classroom and improve student achievement?" will be the initial question when prospective project activities are considered and resources allocated, with a significant portion of the budget earmarked for direct services to and immediate resources for practitioners.

SMCNWS has 10 primary objectives:

1. Establish a Regional Advisory, five State Advisories, and a Practitioner Advisory Board to assist in the development of criteria for: a) setting up short- and long-term project priorities, and b) using project resources for maximum effectiveness.
2. Identify and collaborate with all others involved in science and mathematics systemic change in the region's science, mathematics, and technology education structure.
3. Plan with State and local educational agencies, as well as with other education-related organizations and interests, for activities that recognize, address, and support a range of needs and priorities for improving science, mathematics, and technology education.
4. Offer staff development programs to reinforce State and local professional development interests and preferences, including teacher leadership and site-based management skills.
5. Reinforce State and local efforts to introduce, focus, plan, and expand the use of educational technology for professional development and direct instructional purposes.

6. Align the needs and priorities of formal education with the services and resources available via informal science, mathematics, and technology agencies and facilities.
7. Identify and promote the use of exemplary regional and national resources available to support local science and mathematics improvement efforts.
8. Generate, interpret, and disseminate data relating to the impact, effectiveness, and transferability of project activities.
9. Plan with partners to determine and allocate an appropriate portion of the budget for resources and services to traditionally underserved or underrepresented students.
10. Offer services and resources to: a) augment the science, mathematics, and technology backgrounds of K-3 teachers, and b) foster the science and mathematics interests and learning of youth in grades K-3.

CEC has established what it considers to be the "baseline" characteristics of effective education for science and mathematics literacy. Correspondingly, SMCNWS seeks out and supports initiatives, programs, practices, and materials to encompass several elements, including: 1) the nature, content, and concepts of science and mathematics; 2) the processes of science and mathematics; 3) the role of science and mathematics in society; and 4) scientific habits of the mind. Further, SMCNWS believes that the extent to which a science or mathematics program can align itself with the following concerns determines how well it will be able to address the priority regional needs and goals:

- An educational equity emphasis.
- Balance among content, concept, and process considerations.
- Awareness of the global challenge facing the Nation in areas of science and mathematics.
- Balanced presentation of all issues involved in a controversial scientific problem.
- Use of science and mathematics as regular "organizers" in the overall curriculum.
- Connections to real-world situations and circumstances.
- Inclusion of assessment as an integral part of the curriculum.
- Teacher as a facilitator of learning, not the source of knowledge.
- Community agencies and parents as partners in the learning environment.
- Emphasis on responsible decision-making.
- Use of various scientific, mathematical, and technological instruments and manipulatives.

Clearly, the essential consideration facing the project during its first operational year is "How can we help the communities, schools, and personnel that are ultimately responsible for bringing about systemic reform in science and mathematics education address these issues?" The regional approach must be coordinated. While SMCNWS cannot do it all, it can serve as a catalyst in identifying resources and assisting with organization of a joint effort. It can support the objectives presented above in concert with all stakeholders.

Dr. Ralph T. Nelsen, Director
Rob Kremer, Regional Coordinator
Tom Phoenix, Technology Specialist
Mary Buck, State Associate (MT)
Linda Robinson, State Associate (MT)
Patricia Johnson, State Associate (MT)
Kris Mickelson, State Associate (ID)
Dr. Dick Kay, State Associate (ID)
Barbara Eisenbarth, State Associate (ID)
Dr. Dick Mariotti, State Associate (WA)
Dr. Andrea Anderson, State Associate (WA)
Stephanie Hoag, State Associate (AK)

Science and Mathematics Consortium for Northwest
 Schools (SMCNWS)
 Columbia Education Center
 171 NE 102 Avenue
 Portland, OR 97220-4169
 (503) 797-4585 / Fax: (503) 252-4866
 WWW: <<http://www.col-ed.org/smcnwshp.html>>

Alaska

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dennis Crawford, 4-H State Program Leader
University of Alaska at Fairbanks
193 Arctic Health Research Building, Room 123
Fairbanks, AK 99775-5200
(907) 474-5632

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Ted Berry
University of Alaska
P.O. Box 62
Willow, AK 99688-0062
(907) 495-1018/Fax: (907) 495-1264

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Michael Spranger
Washington Sea Grant
University of Washington, HG-3
3716 Brooklyn Avenue NE
Seattle, WA 98105-6716
(206) 543-6600/Fax: (206) 685-0380

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Nanci Spear
Eisenhower Professional Development Program
Alaska Department of Education
801 West 10th Street, Suite 200
Juneau, AK 99801-1894
(907) 465-8718/Fax: (907) 465-3396

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Nanci Spear
Eisenhower Professional Development Program
Alaska Department of Education
801 West 10th Street, Suite 200
Juneau, AK 99801-1894
(907) 465-2826/Fax: (907) 465-3396

Northwest Regional Educational Laboratory (NWREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3212
(503) 275-9500/Fax: (503) 275-9489

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The

R*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director
Northwest Educational Technology Consortium
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3297
(503) 275-0650 / Fax: (503) 275-0449
(800) 211-9435
E-mail: hanflins@nwrel.org

Science and Mathematics Consortium for Northwest Schools

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director
Science and Mathematics Consortium for
Northwest Schools (SMCNWS)
Columbia Education Center
171 NE 102 Avenue
Portland, OR 97220-4169
(503) 797-4585 / Fax: (503) 252-4866
E-mail: 76106.3006@compuserve.com

Department of the Interior (DOI)

Anchorage, Alaska, Public Lands Information Center

In addition to educational programs on the cultural and natural histories of Alaska, the Anchorage, Alaska, Public Lands Information Center loans educational materials to educators.

Anchorage, Alaska, Public Lands Information Center
605 West Fourth Avenue
Anchorage, AK 99501
(907) 271-2737

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Robert H. Jones
Bureau of Land Management
222 West Seventh Avenue, #13
Anchorage, AK 99513-7599
(907) 271-3404

Earth Science Information Center, Anchorage

The Anchorage Earth Science Information Center (ESIC) offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Anchorage-ESIC
4230 University Drive, Room 101
Anchorage, AK 99508-4664
(907) 786-7011 / Fax: (907) 786-4664
(800) USA-MAPS

Fairbanks, Alaska, Public Lands Information Center

In addition to educational programs on the cultural and natural histories of Alaska, the Center loans educational materials to educators.

Fairbanks, Alaska, Public Lands Information Center
250 Cushman Street, Suite 1A
Fairbanks, AK 99701
(907) 451-7352

Glacier Bay National Park

In addition to guided tours, Glacier Bay National Park rangers conduct in-school presentations.

Glacier Bay National Park
P.O. Box 140
Gustavus, AK 99826
(907) 697-2230

Kenai National Wildlife Refuge

The Kenai National Wildlife Refuge offers teacher workshops on environmental education relating to wetlands management. Interpretive trails, curriculum materials, and an outdoor education center are also available.

Kenai National Wildlife Refuge
Ski Hill Road
P.O. Box 2139
Soldotna, AK 99669-2139
(907) 262-7021/Fax: (907) 262-3599

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Alaska Outer Continental Shelf Region
Minerals Management Service
Office of Public Affairs
949 East 36th Avenue, #110, MS 8000
Anchorage, AK 99508-4302
(907) 271-6070/Fax: (907) 271-6805

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Colleen Matt, Project WILD Coordinator
Alaska Department of Fish and Game
333 Raspberry Road
Anchorage, AK 99518-1599
(907) 267-2241/Fax: (907) 344-7914

Tetlin National Wildlife Refuge

The Tetlin National Wildlife Refuge teacher workshops promote education in wildlife management and environmental issues. Curriculum materials and programs for students are also available.

Tetlin National Wildlife Refuge
P.O. Box 779
Tok, AK 99780
(907) 883-5312/Fax: (907) 883-5747

Yukon Delta National Wildlife Refuge

The Yukon Delta National Wildlife Refuge teacher workshops promote education in wildlife management and environmental issues. College credit for these workshops is available. Yukon Delta also hosts an extensive video library.

Outdoor Recreation Planner
Yukon Delta National Wildlife Refuge
P.O. Box 346
Bethel, AK 99559
(907) 543-3151/Fax: (907) 543-4413

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

William Mailer
Rural Development Division
Alaska Department of Community and
Regional Affairs
333 West Fourth Avenue, Suite 220
Anchorage, AK 99501-2341
(907) 269-4659/Fax: (907) 269-4520

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Tom Lane, AAL-5C
FAA Aviation Education Representative
222 West Seventh Avenue, Box 14
Anchorage, AK 99513-7587
(907) 271-5169/Fax: (907) 276-7261

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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Anchorage, AK 99513-7587
(907) 271-5169/Fax: (907) 276-7261

Federal Aviation Administration (FAA) Aviation Education Representative

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Tom Lane, AAL-5C
FAA Aviation Education Representative
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Anchorage, AK 99513-7587
(907) 271-5169/Fax: (907) 276-7261

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Dennis Stephens, Collection Development Officer
Aviation Education Resource Center
University of Alaska at Fairbanks
Elmer E. Rasmuson Library
Fairbanks, AK 99775-1006
(907) 474-6695

Dr. Rusty Myers, Project Director
Aviation Education Resource Center
Alaska Pacific University
4101 University
Anchorage, AK 99508
(907) 564-8207

Barbara Sokolov, Library Director
Aviation Education Resource Center
University of Alaska, Anchorage
3211 Providence Drive
Anchorage, AK 99508
(907) 786-1825

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Tom Lane, AAL-5C
FAA Aviation Education Representative
222 West Seventh Avenue, Box 14
Anchorage, AK 99513-7587
(907) 271-5169/Fax: (907) 276-7261

Environmental Protection Agency (EPA)

EPA Regional Office

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Environmental Education Coordinator
Environmental Protection Agency
1200 Sixth Avenue, Mail Stop SO-141
Seattle, WA 98101
(206) 553-1207 / Fax: (206) 553-1809

The President's Environmental Youth Awards (PEYA) Program

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EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101
(206) 553-1207 / Fax: (206) 553-1809
(800) 424-4EPA

National Aeronautics and Space Administration (NASA)

NASA Field Centers

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Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Alaska Science Center
NASA Regional Teacher Resource Center
Alaska Pacific University
4101 University Drive
Anchorage, AK 99508
(907) 564-8207

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Alaska Space Grant Consortium
University of Alaska at Fairbanks
223 Duckering Building
Fairbanks, AK 99775-5900
(907) 474-5206

Idaho

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at

land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Arlinda K. Nauman
State 4-H Director
Morrill Hall, #103
University of Idaho
Moscow, ID 83843

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Rick Watley, President
Watley Associates
1741 Gibson Way
Meridian, ID 83642
(208) 888-0988

Department of Defense (DoD)

Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

George Guedel
Naval Surface Warfare Center Acoustic Research
Detachment (NSWC-ARD)
P.O. Box 129
Bayview, ID 83803-0129
(208) 683-2321, ext. 4030

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Tom C. Farley
Eisenhower Professional Development Program
Idaho Department of Education
Len B. Jordan Office Building
Boise, ID 83720
(208) 334-2281 / Fax: (208) 334-2228

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Tom C. Farley
Eisenhower Professional Development Program
Idaho Department of Education
Len B. Jordan Office Building
Boise, ID 83720
(208) 334-2281 / Fax: (208) 334-2228

Northwest Regional Educational Laboratory (NWREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3212
(503) 275-9500 / Fax: (503) 275-9489

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director
 Northwest Educational Technology Consortium
 Northwest Regional Educational Laboratory
 101 SW Main Street, Suite 500
 Portland, OR 97204-3297
 (503) 275-0650/Fax: (503) 275-0449
 (800) 211-9435
 E-mail: hanflins@nwrel.org

Science and Mathematics Consortium for Northwest Schools

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director
 Science and Mathematics Consortium for
 Northwest Schools (SMCNWS)
 Columbia Education Center
 171 NE 102 Avenue
 Portland, OR 97220-4169
 (503) 797-4585/Fax: (503) 252-4866
 E-mail: 76106.3006@compuserve.com

Department of Energy (DOE)

Idaho National Engineering Laboratory

Idaho National Engineering Laboratory offers programs and research experiences for educators and students in science, mathematics, engineering, and technology. Programs are coordinated with universities and State departments of education.

Dr. Constance C. Blackwood
 Idaho National Energy Laboratory
 1520 Sawtelle Drive
 Idaho Falls, ID 83405-2437
 (208) 526-9221/Fax: (208) 526-1880
 E-mail: cbb@inel.gov

Department of the Interior (DOI)

Boise Interagency Fire Center

The Boise Interagency Fire Center provides information about educational programs, materials, and local land-management issues.

Education Coordinator
 Boise Interagency Fire Center
 3905 Vista Avenue
 Boise, ID 83705
 (208) 389-2446

Bureau of Land Management State Office

The Bureau of Land Management State Office offers various environmental education and land-management programs, such as the Nose to Nose Program. Information about educational programs, materials, and local land-management issues is also available.

Education Coordinator
 Bureau of Land Management
 3880 Americana Terrace
 Boise, ID 83706
 (208) 384-3020

Bureau of Reclamation Environmental Education

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh
 Environmental Education Coordinator
 Denver Federal Center, D-5100
 Building 67
 Denver, CO 80225
 (303) 236-9336, ext. 223/Fax: (303) 236-3573

Craters of the Moon National Monument

Guided walks and teacher guides that focus on the geology of the area are available at the Craters of the Moon National Monument.

Division of Interpretation
 Craters of the Moon National Monument
 Box 29
 Arco, ID 83213
 (208) 527-3257

Deer Flat National Wildlife Refuge

An interpretation center at the Deer Flat National Wildlife Refuge displays exhibits and information about wildlife management. Guided walks and lectures are also available.

Deer Flat National Wildlife Refuge
13751 Upper Embankment Road
Nampa, ID 83686
(208) 467-9278/Fax: (208) 467-1019

Project Water Education for Teachers (WET)

Project WET is an interdisciplinary water education program intended to supplement a school's existing curriculum. The following classroom-ready teaching aides are being developed: activity guides and modules for grades K-12, computer simulations, water-history publications, groundwater flow models, and a series of children's story and action books.

Dorothea "Dotie" Kunz Shuman
Project WET Coordinator
IWRRI, 106 Morrill Hall
University of Idaho
Moscow, ID 83843
(208) 885-6429

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

John Gahl, Project WILD Coordinator
Idaho Fish and Game Department
P.O. Box 25
Boise, ID 83707
(208) 334-2633/Fax: (208) 334-2148
(800) 422-9453

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Connie Ryals, Director
Idaho Department of Employment
317 Main Street
Boise, ID 83735-0001
(208) 334-6110/Fax: (208) 334-6430

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A
 FAA Aviation Education Representative
 1601 Lind Avenue SW
 Renton, WA 98055-4056
 (206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

John Maakestad
 Safety/Information Officer, Chief Pilot
 Aviation Education Resource Center
 Idaho State Bureau of Aeronautics
 3483 Rickenbacker Street
 Boise, ID 83705-5018
 (208) 334-8775

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A
 FAA Aviation Education Representative
 1601 Lind Avenue SW
 Renton, WA 98055-4056
 (206) 227-2079/Fax: (206) 227-1010

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the

Public Information Center located at the regional office.

Environmental Education Coordinator
 Environmental Protection Agency
 1200 Sixth Avenue, Mail Stop SO-141
 Seattle, WA 98101
 (206) 553-1207/Fax: (206) 553-1809

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 10
 1200 Sixth Avenue
 Seattle, WA 98101
 (206) 553-1207/Fax: (206) 553-1809
 (800) 424-4EPA

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Idaho at Moscow
NASA Regional Teacher Resource Center
Idaho Space Grant College Fellowship Program
College of Education
Moscow, ID 83843
(208) 885-6030

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Idaho Space Grant Consortium
College of Education
University of Idaho
Moscow, ID 83844-3080
(208) 885-5762

Montana

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Elizabeth McCoy, 4-H Program Leader
Taylor Hall
Montana State University
Bozeman, MT 59717
(406) 994-3501

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Marie Hovland
Agriculture in Montana Schools
389 Airport Bench Road
Great Falls, MT 59404-6337
(406) 727-5045

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Diana Oldham
Eisenhower Professional Development Program
Montana Office of Public Instruction
State Capitol Building
1300 11th Avenue
Helena, MT 59620
(406) 444-4436/Fax: (406) 444-1469

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Richard Crofts
Eisenhower Professional Development Program
Montana Office of Commissioner of Higher Education
2500 Broadway
Helena, MT 59620-3103
(406) 444-6570/Fax: (406) 444-1469

Northwest Regional Educational Laboratory (NWREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3212
(503) 275-9500/Fax: (503) 275-9489

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director
Northwest Educational Technology Consortium
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3297
(503) 275-0650/Fax: (503) 275-0449
(800) 211-9435
E-mail: hanflins@nwrel.org

Science and Mathematics Consortium for Northwest Schools

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director
Science and Mathematics Consortium for Northwest Schools (SMCNWS)
Columbia Education Center
171 NE 102 Avenue
Portland, OR 97220-4169
(503) 797-4585/Fax: (503) 252-4866
E-mail: 76106.3006@compuserve.com

Department of Energy (DOE)

Western Area Power Administration (WAPA)

The Western Area Power Administration conducts the Montana Regional Science Bowl, a community- and Department-wide sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the National Competition, held each spring in Washington, DC.

Gayle Nansel
Western Area Power Administration-Billings
P.O. Box 35800
Billings, MT 59107-5800
(406) 247-7437/Fax: (406) 247-7393

Department of the Interior (DOI)

Bighorn Canyon National Recreation Area

Programs at the Bighorn Canyon National Recreation Area, including guided walks and teacher guides, focus primarily on the ecology of Bighorn Canyon.

Division of Interpretation
Bighorn Canyon National Recreation Area
P.O. Box 458
Fort Smith, MT 59035
(406) 666-2412

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
222 North 32nd Street, P.O. Box 36800
Billings, MT 59107
(406) 255-2913

Bureau of Reclamation Environmental Education

A variety of environmental subjects, with an emphasis on water resources, is offered to teachers and students in grades K-12. Subjects vary from archaeology to wildlife biology. Programs are presented in the classroom as well as outdoors at laboratory schools, summer camps, and some visitor centers. The program currently operates in the States of California, Colorado, Idaho, Montana, Nevada, and Utah.

Kathie Marsh
Environmental Education Coordinator
Denver Federal Center, D-5100
Building 67
Denver, CO 80225
(303) 236-9336, ext. 223/Fax: (303) 236-3573

Earth Science Information Center, Rolla

The Rolla Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Rolla Earth Science Information Center
1400 Independence Road, Mail Stop 231
Rolla, MT 65401-2602
(314) 341-0851

Glacier National Park

Glacier National Park offers environmental education field trips, guided tours, and other activities. Curriculum materials are available for educators.

Hudson Bay District Interpreter
(for the east side of Glacier)
Glacier National Park
St. Mary, MT 59417
(406) 732-4421

West Lakes District Interpreter
(for the west side of Glacier)
Glacier National Park
West Glacier, MT 59936
(406) 888-5441, ext. 304

National Bison Range

The National Bison Range offers teacher workshops, environmental education activities for students, and an outdoor education resource library.

Outdoor Recreation Planner
National Bison Range
132 Bison Range Road
Moiese, MT 59824
(406) 644-2211 / Fax: (406) 644-2661

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Kurt Cunningham, Project WILD Coordinator
Department of Fish, Wildlife, and Parks
1420 East Sixth Avenue
Helena, MT 59620
(406) 444-1267 / Fax: (406) 444-4952

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Ingrid Danielson, Bureau Chief
State Training Bureau
Montana Department of Labor and Industry
P.O. Box 1728
Helena, MT 59624
(406) 444-4500/Fax: (406) 444-2638

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Michael D. Ferguson
Aviation Education Resource Center
Montana DOT Aeronautics Division
P.O. Box 5178
Helena, MT 59601
(406) 444-2506

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
999 18th Street, Suite 500
One Denver Place, Mail Stop 80EA
Denver, CO 80202-2405
(303) 293-1113/Fax: (303) 294-7665

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 8
One Denver Place
999 18th Street
Denver, CO 80202-2405
(303) 294-1113/Fax: (303) 294-7665

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Western Montana College of the University of
Montana
NASA Regional Teacher Resource Center
Carson Library
710 South Atlantic
Dillon, MT 59725
(406) 683-7541

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Montana Space Grant Consortium
Montana State University
AJM Johnson Hall
Bozeman, MT 59717-0350
(406) 994-6170

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Progress for Montana's Statewide Systemic Initiatives Program includes the addition of a State science director, a draft of the 9th-grade Integrated Mathematics Curriculum, technology grants to schools, and the establishment of technology laboratories on two university campuses.

Johnny Lott
University of Montana
Department of Mathematical Science
Missoula, MT 59812
(406) 243-2696/Fax: (406) 243-2674

Maurice Burke
Montana State University
Mathematics Department
Bozeman, MT 59717-0240
(406) 994-5344/Fax: (406) 994-3733

Oregon

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Owen D. Osborne
Interim State 4-H Leader
Ballard Extension Hall 105
Oregon State University
Corvallis, OR 97331-3608
(503) 737-2711

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

MaLinda Nevin
Oregon AITC
17017 Highway 140 East
Dairy, OR 97625
(503) 882-3731

Department of Commerce (DOC)

National Oceanic and Atmospheric Administration

The National Oceanic and Atmospheric Administration (NOAA) coordinates agencywide efforts to educate the public about Earth-systems science and to increase awareness of the Agency's mission. The Teacher at Sea Program provides teachers (K-16, any subject) the opportunity to participate in a field research project along with NOAA scientists aboard a NOAA research vessel.

Judy Sohl
Educational Affairs Office
National Oceanic and Atmospheric
Administration
7600 Sand Point Way NE
Seattle, WA 98115-0070
(206) 526-6622/Fax: (206) 526-6609

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Michael Spranger
Washington Sea Grant
University of Washington, HG-3
3716 Brooklyn Avenue NE
Seattle, WA 98105-6716
(206) 543-6600/Fax: (206) 685-0380

South Slough National Estuarine Research Reserve

Onsite and in-school education programs are offered by the South Slough National Estuarine Research Reserve. Reservations are required. Custom educational programs are offered.

Tom Gaskill, Education Coordinator
South Slough National Estuarine Research Reserve
P.O. Box 5417
Charleston, OR 97420
(503) 888-5558/Fax: (503) 888-5559

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Wanda Monthey
Eisenhower Mathematics and Science Program
Oregon Department of Education
255 Capitol Street NE
Salem, OR 97310-0203
(503) 378-8004, ext. 257/Fax: (503) 378-7968

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Holly Zanville
Eisenhower Professional Development Program
Oregon Department of Education
P.O. Box 3175
Eugene, OR 97403
(503) 346-5726/Fax: (503) 346-5764

Northwest Regional Educational Laboratory (NWREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3212
(503) 275-9500/Fax: (503) 275-9489

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director
Northwest Educational Technology Consortium
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3297
(503) 275-0650/Fax: (503) 275-0449
(800) 211-9435
E-mail: hanflins@nwrel.org

Science and Mathematics Consortium for Northwest Schools

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director
Science and Mathematics Consortium for
Northwest Schools (SMCNWS)
Columbia Education Center
171 NE 102 Avenue
Portland, OR 97220-4585
(503) 797-4585/Fax: 252-4866
E-mail: 76106.3006@compuserve.com

Department of Energy (DOE)

Bonneville Power Administration

Bonneville Power Administration participates in a broad range of education programs. Various programs, available for teachers and students, include mathematics and science enhancements, hands-on learning, work-site mentoring and apprenticeships, competitions, environmental education, tutoring, and others. The Administration works with several business, school, and government agency partnerships. Many employees volunteer each year for various programs.

Joan McNamara, Community Education
Coordinator
Bonneville Power Administration
P.O. Box 3621 CKPP
Portland, OR 97208-3621
(503) 230-3709/Fax: (503) 230-4019

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
1300 NE 44th Avenue, P.O. Box 2965
Portland, OR 97208-2965
(503) 280-7287

Crater Lake National Park

Crater Lake National Park guided nature walks focus on geology and environmental education.

Division of Interpretation
Crater Lake National Park
Box 7
Crater Lake, OR 97604
(503) 594-2211

John Day Fossil Beds National Monument

Guided walks and lectures focus on the paleontology and geology of the John Day Fossil Beds National Monument. A demonstration laboratory is available.

Division of Interpretation
John Day Fossil Beds National Monument
420 West Main
John Day, OR 97845
(503) 575-0721

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Shann Weston, Project WILD Coordinator
Oregon Department of Fish and Wildlife
P.O. Box 59
Portland, OR 97207
(503) 229-5410, ext. 427/Fax: (503) 229-5602

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

William Easley, Manager
Business Resources Division
Oregon Economic Development Department
775 Summer Street NE
Salem, OR 97310
(503) 373-1995/Fax: (503) 581-5115

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Elizabeth Johnson
Oregon Department of Transportation
Aeronautics Division
3040 25th Street SE
Salem, OR 97310-0100
(503) 378-4882

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Environmental Protection Agency (EPA)

Environmental Research Laboratory

The Environmental Research Laboratory manages a curriculum development program in addition to a student-scientist mentor program and an outreach lecture series. Other programs include science fairs and Laboratory tours.

U.S. Environmental Protection Agency
Environmental Research Laboratory
200 SW 35th Street
Corvallis, OR 97333
(503) 754-4684

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
1200 Sixth Avenue, Mail Stop SO-141
Seattle, WA 98101
(206) 553-1207/Fax: (206) 553-1809

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101
(206) 553-1207/Fax: (206) 553-1809
(800) 424-4EPA

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Oregon Museum of Science and Industry
NASA Regional Teacher Resource Center
1945 SE Water Avenue
Portland, OR 97214-3354
(503) 797-4579

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Oregon Space Grant Consortium
Department of Nuclear Engineering
Radiation Center C116
Oregon State University
Corvallis, OR 97331-5902
(503) 737-2414

Washington

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Patricia Boyes
Interim Assistant Director, 4-H
Washington State University-Puyallup Center
7612 Pioneer Way East
Puyallup, WA 98371-4998
(206) 840-4589

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Jill Faunce
Washington Ag in the Classroom
P.O. Box 786
Ellensburg, WA 98926-0786
(509) 284-4019

Doug Hassien
P.O. Box 4256
Olympia, WA 98504-256

Department of Commerce (DOC)

National Oceanic and Atmospheric Administration

The National Oceanic and Atmospheric Administration (NOAA) coordinates agencywide efforts to educate the public about Earth-systems science and to increase awareness of the Agency's mission. The Teacher at Sea Program provides teachers (K-16, any subject) the opportunity to participate in a field research project along with NOAA scientists aboard a NOAA research vessel.

Judy Sohl
Educational Affairs Office
National Oceanic and Atmospheric
Administration
7600 Sand Point Way NE
Seattle, WA 98115-0070
(206) 526-6622/Fax: (206) 526-6609

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Michael Spranger
Washington Sea Grant
University of Washington, HG-3
3716 Brooklyn Avenue NE
Seattle, WA 98105-6716
(206) 543-6600/Fax: (206) 685-0380

Padilla Bay National Estuarine Research Reserve

The Padilla Bay National Estuarine Research Reserve offers both onsite and in-school education programs.

Glen Alexander, Education Coordinator
Padilla Bay National Estuarine Research Reserve
1043 Bayview-Edison Road
Mount Vernon, WA 98273
(206) 428-1558/Fax: (206) 428-1491

Department of Defense (DoD)

Naval Submarine Base, Bangor

The Submarine Base in Bangor, Washington, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the area. The commander of Submarine Group Nine coordinates regional partnerships. The commander of Submarine Base, Bangor, is the local coordinator for projects in Bangor and Silverdale.

COMSUBASE, Bangor
Commander
Submarine Base, Bangor
1100 Humley Road
Silverdale, WA 98315-1199
(206) 396-4840

COMSUBGRU NINE
Commander
Submarine Group Nine
2150 Thresher Avenue
Code N-33
Silverdale, WA 98315-2150
(206) 396-6095/6118

Naval Undersea Museum

The Naval Undersea Museum presents exhibits and educational programs that explain the sciences and technologies employed under the sea. Tours and educational programs are available upon request.

Naval Undersea Museum
610 Dowell Street
Keyport, WA 98345-7610
(360) 396-4148, ext. 201

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Peggy Vatter
Eisenhower Professional Development Program
Office of the Superintendent of Public Instruction
Old Capitol Building, P.O. Box 47200
Olympia, WA 98504-7200
(360) 753-6757/Fax: (360) 753-6754

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

David Kennedy
Eisenhower Professional Development Program
Office of the Superintendent of Public Instruction
Old Capitol Building, P.O. Box 47200
Olympia, WA 98504-7200
(360) 753-6727/Fax: (360) 753-6754

Northwest Regional Educational Laboratory (NWREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Robert R. Rath, Executive Director
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3212
(503) 275-9500/Fax: (503) 275-9489

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Seymour Hanfling, Director
Northwest Educational Technology Consortium
Northwest Regional Educational Laboratory
101 SW Main Street, Suite 500
Portland, OR 97204-3297
(503) 275-0650/Fax: (503) 275-0449
(800) 211-9435
E-mail: hanflins@nwrel.org

Science and Mathematics Consortium for Northwest Schools

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Dr. Ralph T. Nelsen, Director
Science and Mathematics Consortium for
Northwest Schools (SMCNWS)
Columbia Education Center
11325 SE Lexington
Portland, OR 97266-5927
(503) 760-2346/Fax: (503) 760-5592
E-mail: 76106.3006@compuserve.com

Department of Energy (DOE)

Associated Western Universities, Inc.- Northwest Division

Associated Western Universities, Inc.-Northwest Division offers programs in various scientific fields for both teachers and students.

Associated Western Universities, Inc.-Northwest Division
723 The Parkway, Suite 100
Richland, WA 99352
(509) 946-3800/Fax: (509) 946-3819
E-mail: info@nw.awv.org

Pacific Northwest National Laboratory (PNL), Science Education Center

Programs conducted by PNL's Science Education Center bring to bear the science-rich human and technical resources of a national laboratory to enhance national, regional, and local efforts to provide high-quality mathematics, science, and technology education for all students. A comprehensive array of programs provide teacher preparation and enhancement, curriculum development and dissemination, student incentives and opportunities, and State and

regional partnerships. The Science Education Center programs support systemic change throughout the State and region in mathematics, science, and technology education.

Jeff Estes, Deputy Manager
Pacific Northwest National Laboratory
University and Science Education Programs
P.O. Box 999, MS K1-22
Richland, WA 99352
(509) 375-2820/Fax: (509) 375-2576
E-mail: jc_estes@pnl.gov

Regional Science Bowl

The Department of Energy sponsors a Regional Science Bowl for Washington State high schools in the Tri-cities area. This is a public/private-sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the national competition held each spring.

Bartley Fain
Human Resources Division
Richland Operations Office
P.O. Box 550
Richland, WA 99352
(509) 376-8088/Fax: (509) 376-5335

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
1300 NE 44th Avenue, P.O. Box 2965
Portland, OR 97208-2965
(503) 280-7287

Earth Science Information Center, Spokane

The Spokane Earth Science Information Center offers information and sales service for U.S. Geological Survey map products and Earth science publications.

Spokane ESIC
West 904 Riverside Avenue
U.S. Post Office Building, Room 135
Spokane, WA 99201-1088
(509) 353-2524/Fax: (509) 353-2872
TDD: (509) 353-3235
(800) USA-MAPS

Mount Rainier National Park

Mount Rainier National Park offers regularly scheduled guided nature walks and lectures about the Park's ecology, environment, and geology. Contact the Park for a schedule.

Division of Interpretation
Mount Rainier National Park
Takoma Woods, Star Route
Ashford, WA 98304
(206) 569-2211

Olympic National Park

Olympic National Park offers teacher workshops, guided nature walks, and curriculum materials that can be used as guides to the Park. Olympic also allows educators to borrow Discovery Trunks that contain educational materials and activities.

Division of Interpretation
Olympic National Park
600 East Park Avenue
Port Angeles, WA 98362-6798
(206) 452-4501

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Margaret Tudor, Project WILD Coordinator
Washington Department of Wildlife
600 Capitol Way North
Olympia, WA 98501-1091
(206) 753-1702/Fax: (206) 664-3515

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Larry A. Malo, Assistant Commissioner
Training and Employment Analysis Division
Washington Department of Employment Security
605 Woodview Drive SE, Mail Stop KG11
Olympia, WA 98504-5311
(206) 438-4611/Fax: (206) 438-3174

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

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FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

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Gregory Moyce, Education Program Manager
Aviation Education Resource Center
Museum of Flight
9404 East Marginal Way South
Seattle, WA 98108
(206) 764-5700

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Herman Payton, ANM-14A
FAA Aviation Education Representative
1601 Lind Avenue SW
Renton, WA 98055-4056
(206) 227-2079/Fax: (206) 227-1010

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
1200 Sixth Avenue, Mail Stop SO-141
Seattle, WA 98101
(206) 553-1207/Fax: (206) 553-1809

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101
(206) 553-1207/Fax: (206) 553-1809
(800) 424-4EPA

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

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NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Washington
NASA Regional Teacher Resource Center
AK-50, c/o Geophysics Department
Seattle, WA 98195
(206) 543-1943

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

University of Washington
Washington Space Grant Consortium
Space Grant Box 351650
Seattle, WA 98195-1650
(206) 543-1943

Pacific

Areas Served:

**American Samoa,
Commonwealth of the Northern Mariana Islands,
Federated States of Micronesia
(Chuuk, Kosrae, Pohnpei, and Yap),
Guam, Hawaii,
Republic of the Marshall Islands,
and Republic of Palau**



Pacific Mathematics and Science Regional Consortium

The Pacific Mathematics and Science Regional Consortium is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Consortium serves 10 Pacific Island entities. Its mission is to support professional communities of educators and their partners as they work to improve mathematics and science teaching and learning. The Pacific Consortium believes the path to improvement in the classroom lies within and through teachers' professional communities, which generate knowledge, craft new standards, and sustain participants in their efforts to reflect, examine, experiment, and change. To this end, the Consortium focuses on providing technical assistance in implementation, innovation, and dissemination of exemplary materials, teaching strategies, and assessment resources for use by elementary and secondary students, teachers, and administrators.

Given the cultural, linguistic, economic, and environmental diversity of the Pacific region, and the geographic isolation of a significant number of the region's teachers, many of the projects and programs supported by the Pacific Consortium involve long-term and multiphase professional developments that combine a variety of models: training, teacher as researcher, study groups, teacher case studies, credit coursework, and a new educator-in-residence approach. Consortium support often incorporates a training-of-trainers model to ensure that local resources are available; makes use of local, regional, and national telecommunications networks; and builds in local adaptations that recognize and celebrate the diversity that enriches Pacific education. One major feature of the Pacific Consortium is the Mathematics and Science Leadership Team, which consists of the mathematics and science specialists from each entity. The team is the core development

and implementation group for all regional documents and projects carried out through the Consortium. It also determines the kinds of activities to be carried out in the home entities of the team members, as well as monitoring and facilitating a competition called "Visions and Dreams Grants" for each entity's schools and teachers. The competition is funded through the Pacific Consortium. Below are some of the activities the Leadership Team has developed or is implementing across the region and within each entity.

Based on work originating at Stanford University and the Far West Regional Educational Laboratory in San Francisco, the Pacific Consortium is working with the Mathematics and Science Leadership Team and several self-selected school sites to use case discussions to focus on professional development needs.

The Consortium uses the Pacific Educational Conference to highlight its activities of interest to the region's educators, disseminate information about the Consortium's regional and entity-specific projects, demonstrate effective classroom practices and quality assessment strategies, and disseminate exemplary materials.

The Pacific Consortium supports regionwide and individual entity initiatives. It works in partnership with the University of Hawaii's Curriculum Research and Development Group (CRDG), whose staff support the work of the Leadership Team and provide training and technical assistance in implementing regionally and nationally recognized courses and projects. In collaboration with the CRDG mathematics and science faculty, the team has developed Pacific Standards for Excellence in Mathematics and Pacific Standards for Excellence in Science and Pacific Standards for Excellence in Teaching, Assessment, and Professional Development. These standards are appropriate for the region and aligned with world-class standards.

The Consortium is encouraging a network of teachers across the Pacific and beyond to share information, ideas, and projects via Far-Reaching Information Sharing (FISHnet).

The Yap Classroom Learning Assessment Project is a multiphase initiative that addresses improvement in classroom assessment, curriculum, and instruction through training of trainers and direct teacher training. The Commonwealth of the Northern Mariana Islands (CNMI) Performance Assessment Project is similar to the Yap Project. Program managers (specialists) in the Commonwealth of the Northern Mariana Islands have formed a training team that is developing performance tasks, assessment criteria, and scoring rubrics.

A Guam Mathematics Project involves teachers—1 from each of the 29 public elementary schools and middle schools—in learning how to teach and assess school mathematics for understanding. Ten of these teachers will receive additional staff development to become trainers within the local school district.

School/Community-Based Management (SCBM) Projects in Hawaii schools involve Consortium staff and partners from the University of Hawaii in residence 1–2 days per month to provide focused technical assistance (developing curriculum, creating active learning environments, using heterogeneous work groups, and conducting classroom assessments) to small groups of teachers who plan and implement integrated thematic units.

The Pacific Consortium uses diverse resources to meet the needs of the region's mathematics and science educators. *Voyages in Mathematics and Science* is a quarterly teacher-oriented publication that emphasizes practical applications of quality mathematics and science strategies.

Another effort of the Pacific Consortium is to familiarize educators with technologies that can improve and enhance the teaching and learning of science and mathematics in the region's classrooms. The mechanism for this effort is the Pacific Regional Technology Demonstration Site, which was in Honolulu but has now begun to move to other locales in the region. The demonstration site is a multiprong partnership among the Eisenhower National Clearinghouse (ENC), Pacific Consortium, departments of education, and other educational institutions in the region.

Developed through the collaborative efforts of the 10 regional educational laboratories' Laboratory Networking Project (LNP), the Pacific Consortium provides exemplary resources for training in alternative assessment as well as in successful practices in mathematics and science education. A database, also developed through interlaboratory collaboration and housed at the Consortium, describes alternative assessments in mathematics and science. Hard copies are available.

Paul S. Dumas, Director
Kathy Busick, Program Specialist
Alice Borja, Program Specialist
Jayne Higa, Program Specialist

Eastern Pacific Service Center
Pacific Mathematics and Science Regional Consortium
828 Fort Street Mall, Suite 500
Honolulu, HI 96813-4321
(808) 533-6000/Fax: (808) 533-7599
WWW: <<http://prei.hawaii.edu/programs/math-science/index.html>>

Tom Pangelinan, Program Specialist

Western Pacific Service Center
Bank of Hawaii Building, Suite 203
Marina Heights Business Park
PPP 145, Box 10000
Puerto Rico, Saipan, MP 96950

Pam Legdesog, Program Specialist

Yap Service Center
P.O. Box 985
Colonia, Yap, FM 96943

American Samoa

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Ropeti Areta, Acting State 4-H Leader
American Samoa Land Grant
P.O. Box 2609
Mapusaga, AS 96799
(684) 699-2019

Department of Commerce (DOC)

Fagatele Bay National Marine Sanctuary

The Fagatele Bay National Marine Sanctuary offers in-school presentations and sponsors the Marine Science Summer Camp, a research-oriented 2-week classroom, laboratory, and field-experience program.

Punipua Lagai, Education Coordinator
Fagatele Bay National Marine Sanctuary
P.O. Box 4318
Pago Pago, AS 96799
(684) 633-7354/Fax: (684) 633-7355

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Liz Kumabe
Hawaii Sea Grant
University of Hawaii
1000 Pope Road, MSB 225
Honolulu, HI 96822
(808) 956-2860/Fax: (808) 956-9106

Department of Education (ED)

Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Paul Dumas, Director
Eastern Pacific Service Center
Pacific Mathematics and Science Regional
Consortium
828 Fort Street Mall, Suite 500
Honolulu, HI 96813-4321
(808) 533-6000/Fax: (808) 533-7599

Pacific Region Educational Laboratory (PREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director
Pacific Region Educational Laboratory
828 Fort Street Mall, Suite 500
Honolulu, HI 96813
(808) 533-6000/Fax: (808) 533-7599

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in
Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Unifareti Mamea, Director
Department of Human Resources
American Samoa Government
Pago Pago, AS 96799
(684) 633-4485/Fax: (684) 633-1139

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National

Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

Commonwealth of the Northern Mariana Islands

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Antonio Santos, Acting Director, 4-H
Northern Marianas College
P.O. Box 1250
Saipan, MP 96950
(670) 234-9022

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Liz Kumabe
Hawaii Sea Grant
University of Hawaii
1000 Pope Road, MSB 225
Honolulu, HI 96822
(808) 956-2860/Fax: (808) 956-9106

Department of Education (ED)

Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Tom Pangelinan, Program Specialist
Western Pacific Service Center
Bank of Hawaii Building, Suite 203
Marina Heights Business Park
PPP 145, Box 10000
Puerto Rico, Saipan, MP 96950

Pacific Region Educational Laboratory (PREL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

John W. Kofel, Executive Director
Pacific Region Educational Laboratory
828 Fort Street Mall, Suite 500
Honolulu, HI 96813
(808) 533-6000/Fax: (808) 533-7599

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in
Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Florida De La Cruz, Executive Director
Marianas JTPA Program
Office of the Governor
Commonwealth of the Northern Mariana Islands
Saipan, MP 96950
(670) 664-7000/7001/Fax: (670) 322-5096

Federated States of Micronesia

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Anita R. Suta
Director, Cooperative Extension Service
College of Micronesia
P.O. Box 1179
Kolonias, Pohnpei, FM 96941

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Ruben Dayrit
CTAS/College of Micronesia
Kolonias, Pohnpei, FM 96941
(691) 320-2738/Fax: (691) 320-2726

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

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Liz Kumabe
Hawaii Sea Grant
University of Hawaii
1000 Pope Road, MSB 225
Honolulu, HI 96822
(808) 956-2860/Fax: (808) 956-9106

Department of Education (ED)

Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Pam Legdesog, Program Specialist
Yap Service Center
P.O. Box 985
Kolonias, Yap, FM 96943

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John W. Kofel, Executive Director
Pacific Region Educational Laboratory
828 Fort Street Mall, Suite 500
Honolulu, HI 96813
(808) 533-6000/Fax: (808) 533-7599

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c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Kohne K. Ramon, Acting Director
Office of Administrative Services
Government of the Federated States of Micronesia
P.O. Box 490
Kolonias, Pohnpei, FM 96941
(691) 320-2618/Fax: (691) 320-5854

Guam

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Theodore M. Iyechade
4-H Program Leader
College of Agriculture and Life Sciences
CES, 4-H, and Youth
University of Guam
Mangilao, GU 96923
(671) 734-4753

Ag in the Classroom State Leader

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Victor Artero
College of Agriculture and Life Sciences
University of Guam
Mangilao, GU 96923
(671) 734-2575/Fax: (671) 734-6842

Department of Commerce (DOC)

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Liz Kumabe
Hawaii Sea Grant
University of Hawaii
1000 Pope Road, MSB 225
Honolulu, HI 96822
(808) 956-2860/Fax: (808) 956-9106

Department of Defense (DoD)

U.S. Naval Forces Marianas, Guam

The U.S. Naval Forces Marianas in Guam participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

COMNAVMARIANAS GQ
Commander
U.S. Naval Forces Marianas
PSC 489, Box 28
FPO AP 96536-0051
(671) 349-5212

Department of Education (ED)

Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Paul Dumas, Director
Eastern Pacific Service Center
Pacific Mathematics and Science Regional Consortium
828 Fort Street Mall, Suite 500
Honolulu, HI 96813-4321
(808) 533-6000/Fax: (808) 533-7599

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Pacific Region Educational Laboratory
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Southwest & Pacific Regional Technology in
Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Peter S. Calvo, Director
Agency for Human Resources Development
P.O. Box CP
Agana, GU 96910
(671) 646-9341/Fax: (671) 646-9339

Environmental Protection Agency (EPA)

EPA Regional Office

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Environmental Education Coordinator
Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

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EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

Hawaii

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Gary W. Gerhard, Program Leader
4-H Youth Development
University of Hawaii at Manoa
3050 Maile Way
Honolulu, HI 96822
(808) 956-8327

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State man-

ages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Michael Barros
Department of Education
2530 10th Avenue
Building A, Room 23
Honolulu, HI 96816
(808) 733-9125

Department of Commerce (DOC)

Hawaiian Islands Humpback Whale National Marine Sanctuary

Hawaiian Islands Humpback Whale National Marine Sanctuary was congressionally designated in November 1992. A Sanctuary Management Plan that includes an education and interpretation section is under development. Current educational activities available to visitors and residents highlight the humpback whale and Hawaii's unique marine environment.

Allen Tom, Manager
Hawaiian Islands Humpback Whale National
Marine Sanctuary
726 South Kihei Road
Kihei, HI 96753
(808) 879-2818/Fax: (808) 874-3815
(800) 831-4888 (Neighbor Islands)

National Sea Grant College Program, Operation Pathfinder Program

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Liz Kumabe
Hawaii Sea Grant
University of Hawaii
1000 Pope Road, MSB 225
Honolulu, HI 96822
(808) 956-2860/Fax: (808) 956-9106

Waimanu Valley National Estuarine Research Reserve

Limited educational activities are offered at Waimanu Valley, which is accessible only by a rigorous 7.5 mile trail.

Peter Schuyler, Education Coordinator
Waimanu Valley National Estuarine Research
Reserve
Division of Forestry and Wildlife
1151 Punchbowl Street
Hilo, HI 96813
(808) 587-0054 (Honolulu)/Fax: (808) 587-0064
(808) 933-4221 (Hilo)

Department of Defense (DoD)

Naval Base, Pearl Harbor

The Naval Base in Pearl Harbor participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

COMNAVBASE, Pearl Harbor HI
Commander
Naval Base
Pearl Harbor, HI 96860-5350
(808) 474-4750

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Justin Mew or Kathleen Nishimura
Eisenhower Professional Development Program
189 Lunalilo Home Road, Second Floor
P.O. Box 2360
Honolulu, HI 96825
(808) 396-2567/Fax: (808) 548-5390

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher

enhancement through both inservice and preservice programs.

Thomas W. Sileo
Eisenhower Professional Development Program
University of Hawaii, College of Education
1776 University Avenue
Honolulu, HI 96825
(808) 956-7704/Fax: (808) 956-3106

Pacific Mathematics and Science Regional Consortium

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Paul Dumas, Director
Eastern Pacific Service Center
Pacific Mathematics and Science Regional Consortium
828 Fort Street Mall, Suite 500
Honolulu, HI 96813-4321
(808) 533-6000/Fax: (808) 533-7599

Pacific Region Educational Laboratory (PREL)

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John W. Kofel, Executive Director
Pacific Region Educational Laboratory
828 Fort Street Mall, Suite 500
Honolulu, HI 96813
(808) 533-6000/Fax: (808) 533-7599

Regional Technology in Education Consortium (R*TEC)

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Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard

Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

Department of Energy (DOE)

Regional Science Bowl

The Department of Energy sponsors a Regional Science Bowl for Hawaii high schools. This is a public/private-sponsored academic competition held each February that encourages the study of science and mathematics and the pursuit of related careers. The regional winner advances to the national competition held each spring.

Eileen Yoshinaka
P.O. Box 50168
Honolulu, HI 96850
(808) 541-2564/Fax: (808) 541-2562

Department of the Interior (DOI)

Haleakala National Park

Guided environmental field trips for school groups are the primary activities offered at Haleakala National Park. Teacher guides and previsit materials are provided for field trip participants.

Division of Interpretation
Haleakala National Park
P.O. Box 369
Makawao, Maui, HI 96768
(808) 572-9306

Hawaii Volcanoes National Park

The Hawaii Volcanoes National Park offers nature and orientation walks to inform students about the geological mechanics of volcanoes.

Division of Interpretation
Hawaii Volcanoes National Park
P.O. Box 52
Hawaii Volcanoes National Park, HI 67918
(808) 967-7311

Kaloko-Honokohau National Historical Park

Kaloko-Honokohau National Historical Park offers guided walks and activities to educate students

about the geology, anthropology, biology, and history within the Park.

Division of Interpretation
Kaloko-Honokohau National Historical Park
73-4786 Kanalani Street, #14
Kailua-Kona, HI 96740
(808) 329-6881

Kauai National Wildlife Refuge Complex

Guided tours and teacher guides that focus on environmental education are available upon request at the Kauai National Wildlife Refuge Complex.

Public Use Manager
Kauai National Wildlife Refuge Complex
P.O. Box 87, Kilauea
Kauai, HI 96740
(808) 828-1413/Fax: (808) 828-6634

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Randy Honebrink, Project WILD Coordinator
Hawaii Division of Aquatic Resources
1151 Punchbowl Street
Honolulu, HI 96813
(808) 587-0111/Fax: (808) 587-0115

Colleen Murakami, Project WILD Coordinator
Department of Education
189 Lunalilo Home Road
Honolulu, HI 96825
(808) 396-2572/Fax: (808) 548-5390

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Dayton Nakanelua, Director
Hawaii Department of Labor and Industrial Relations
830 Punchbowl Street, Room 320
Honolulu, HI 96813
(808) 586-8844/Fax: (808) 586-9099

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
Worldway Postal Center
P.O. Box 92007
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
Worldway Postal Center
P.O. Box 92007
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
Worldway Postal Center
P.O. Box 92007
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Veronica Balsa, Director
Aviation Education Resource Center
Mid-Pacific Institute
Aviation/Space Science
2445 Kaala Street
Honolulu, HI 96822
(808) 973-5000

Rodney M. Kuba, Airports Division
Aviation Education Resource Center
State of Hawaii Department of Transportation
Honolulu International Airport
Gate 29, EWA Service Court Road
Honolulu, HI 96819-1898
(808) 836-6542

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Sandi Couverley, AWP-17F
FAA Aviation Education Representative
Worldway Postal Center
P.O. Box 92007
Los Angeles, CA 90009
(310) 297-0556/Fax: (310) 297-0706

Environmental Protection Agency (EPA)

EPA Regional Office

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Environmental Protection Agency
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San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

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EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Garth A. Hull
Chief, Educational Programs Branch
NASA Ames Research Center
Mail Stop 204-12
Moffett Field, CA 94035
(415) 604-5543

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Ames Research Center
Teacher Resource Laboratory
Teacher Resource Center
Mail Stop T12-A
Moffett Field, CA 94035-1000
(415) 604-3574

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Barbers Point Elementary School
NASA Regional Teacher Resource Center
Boxer Road
Barbers Point Naval Air Station
Ewa Beach, HI 96706
(808) 673-7410

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Hawaii Space Grant Consortium
Department of Planetary Geosciences
2525 Correa Road
University of Hawaii at Manoa
Honolulu, HI 96822
(808) 956-3147

Republic of the Marshall Islands

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

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Liz Kumabe
Hawaii Sea Grant
University of Hawaii
1000 Pope Road, MSB 225
Honolulu, HI 96822
(808) 956-2860/Fax: (808) 956-9106

Department of Education (ED)

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Eastern Pacific Service Center
Pacific Mathematics and Science Regional Consortium
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c/o College of Education
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(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

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Antonio Elio
Minister of Social Services
P.O. Box 1138
Majuro, MH 96960
(692) 625-3345

Republic of Palau

Department of Commerce (DOC)

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Hawaii Sea Grant
University of Hawaii
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Honolulu, HI 96822
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c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocap@csulb.edu

Department of Labor (DOL)

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Keral Mariur, Executive Director
Private Industry Council/SJTCC
P.O. Box 1138
Koror, PW 96940
(680) 488-2513/Fax: (680) 488-1725

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 744-1581/Fax: (415) 744-1605

Southeast

Areas Served:

**Alabama, Florida,
Georgia, Mississippi,
North Carolina, and
South Carolina**



Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Consortium for Mathematics and Science Education at SERVE is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Eisenhower Consortium is a coalition of educators, business leaders, Governors, and policymakers that is seeking to promote systemic reform in mathematics and science education in its region. In collaboration with other stakeholders in the region, the Consortium works to expand and enhance mathematics and science education by providing technical assistance, linking and coordinating resources, using technology, and disseminating information about successful practices. The Consortium's goal is to empower educators in the Southeast to provide quality mathematics and science programs for all students.

In keeping with the Consortium's philosophy of decentralizing technical assistance through the use of field offices, three of the Consortium's Program Specialists are housed in offices in three States outside of Florida (Greensboro, NC, Atlanta, GA, and Cleveland, MS).

Since its inception, the Consortium has been involved in Laboratory Network Programs (LNPs) and has served on task forces with other Consortia. The Consortium provided lead responsibility in the identification of exemplary mathematics and science programs for LNP's Successful Practices effort. The Consortium also provided lead responsibility in the development and publication of a resource guide for the National Network of Eisenhower Regional Consortia and Clearinghouse (NNERCC) Equity Task Force. The Consortium is also participating with other Consortia in the production of a CD-ROM for professional development.

Many of the region's stakeholders have been involved in the development of the Eisenhower Consortium, as well as in its programs and projects. Mathematics and science specialists, State- and district-level administrators, and Eisenhower State Grant program coordinators were involved in the identification of exemplary programs and practices.

The Consortium sponsors two institutes and has developed a new technical assistance academy designed to bring the Consortium's efforts to the local level.

The Eisenhower Consortium's Promising Practices Leadership Institute, an annual event held each September, showcases the talents and enhances the leadership skills of past Promising Practice award winners, NSF projects, and other exemplary programs from across the region and nationwide. District or school level teams are invited from each of the six SERVE States to participate in concurrent sessions highlighting these programs for the purpose of developing implementation strategies when they return home as well as networking with colleagues from within their States and the Southeast.

The Southeastern Consortium for Minorities in Engineering (SECME) Summer Institute provides an opportunity for teachers to learn new teaching strategies and motivational techniques, increase awareness of the academic preparation required for entering the field of engineering, and receive information about career opportunities in engineering. Participants are now better able to motivate and prepare precollege students for entering college and completing studies in engineering, mathematics, and science.

The cornerstone of the Consortium's delivery of technical assistance to the region is the newly formed Technical Assistance Academy for Mathematics and Science Services (TAAMSS). The Academy's goal is to provide high quality professional development to a

cadre of selected participants (such as lead teachers and staff developers) from each State who can function as regional experts in training teachers and other players in strategies for improving the teaching of mathematics, science, and technology. The participants were selected from state departments of education, universities, Systemic Initiatives, regional centers, and from local districts, especially those recognized in "critical" need. The Academy will provide training for an array of topics including technology, facilitative leadership for change, alternative assessment, curriculum frameworks, implementing national standards, and grant writing.

The Consortium also sponsors broad-based community outreach activities. The Consortium's goal is to promote positive change in community and parental perceptions of and expectations for mathematics and science by developing or supporting community-based programs that emphasize the importance of a solid foundation in mathematics and science. "Family Science," a series of classes stressing activity-based cooperative learning in science developed by EQUALS, is one of the targeted activities.

The Eisenhower Consortium at SERVE distributes SERVE catalogs and publications as well as publications from ENC, CeDAR, and NSF. The Consortium also distributes its own publications. *Action Research: Perspectives From Teachers' Classrooms* is a monograph consisting of studies conducted and reported by middle school science teachers for Florida State University's Science FEAT (Science For Early Adolescence Teachers) program. *Policy Brief: The Need for Improved Mathematics and Science Education* depicts the status of mathematics and science education in the region and the need for improvement. A newsletter, *Common Denominator*, is published twice a year with a special focus for each issue, past topics included: systemic reform, equity, and informal science.

Dr. Francena D. Cummings, Director
Karen Charles, Program Specialist (NC/SC)
Cheryl Cliett, Program Specialist (FL)
John Roberts, Program Specialist (AL/MS)
Lorie Donoho, Program Specialist (GA)
Michael Vigliano, Research Associate

Eisenhower Consortium for Mathematics and
Science Education at SERVE
345 South Magnolia Drive, Suite E-22
Tallahassee, FL 32301-2950
(904)671-6033/Fax: (904) 671-6010
(800) 854-0476

Alabama

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Gregory K. Hutchins
Extension Assistant Director
4-H Youth Development Programs
108 Duncan Hall
Auburn, AL 36849
(205) 844-5540

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Jane Alice Lee
2101 Bell Road
Montgomery, AL 36117
(205) 272-2611

Brenda Summerlin
Department of Agriculture and Industries
P.O. Box 3336
Montgomery, AL 36193

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker
Mississippi-Alabama Sea Grant Consortium and
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(601) 374-5550/Fax: (601) 374-5559

Weeks Bay National Estuarine Research Reserve

The Weeks Bay National Estuarine Research Reserve offers onsite and outreach education programs.

L.G. Adams, Education Coordinator
Weeks Bay National Estuarine Research Reserve
Office of the Governor
Department of Economic and Community Affairs
11300 U.S. Highway 98
Fairhope, AL 36532
(334) 928-9792/Fax: (334) 928-1792

Department of Defense (DoD)

Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer. Although the following participating programs are both located at Redstone Arsenal, they are separate operations.

Dr. Katie Blanding
Army Missile Command (MICOM)
Redstone Arsenal, AL 35898-5248
(205) 876-9296

Dr. Katie Blanding
Army Test, Measurement, and Diagnostic
Equipment Activity (TMDE-A)
Redstone Arsenal, AL 35898-5400
(205) 876-9296

U.S. Army Aviation Museum

The museum's displays depict the transformation of aviation technology from 1918 to the present. Guided tours are possible through advance arrangements.

U.S. Army Aviation Museum
P.O. Box 610620
Fort Rucker, AL 36362-0610
(334) 255-3036

Department of Education (ED)

Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Roberts, Program Specialist
Eisenhower Consortium for Mathematics and Science Education at SERVE
Delta State University
West Sunflower Road-Ewing Hall, Room 373
Box 3183
Cleveland, MS 38732
(601) 846-4384/Fax: (601) 846-4402
(800) 326-4548

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Tyson Thompson/Frankie Mitchum
Eisenhower Professional Development Program
Alabama Department of Education
5348 Gordon Persons Building
50 North Ripley Street
Montgomery, AL 36130-3901
(334) 242-8199/Fax: (334) 242-0496

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Elizabeth C. French
Eisenhower Professional Development Program
Alabama Commission on Higher Education
3465 Norman Bridge Road
Montgomery, AL 36105-2310
(334) 281-1921/Fax: (334) 281-6711

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

SERVE, Alabama
50 North Ripley Street
5114 Gordon Persons Building
Montgomery, AL 36130
(205) 242-9758/Fax: (205) 242-9708

Roy H. Forbes, Executive Director
SERVE
P.O. Box 5367
Greensboro, NC 27435
(910) 334-3211/Fax: (910) 334-3268
(800) 755-3277

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides a range of educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region
Minerals Management Service
Office of Public Affairs
1201 Elmwood Park Boulevard, Mail Stop 500
New Orleans, LA 70123-2394
(504) 736-2595/Fax: (504) 736-2459

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Jerry deBin, Project WILD Coordinator
Alabama Division of Game and Fish
64 North Union Street
Montgomery, AL 36130
(205) 242-3623/Fax: (205) 242-3032

Russell Cave National Monument

Programs include guided tours that focus on the anthropology and geology of Russell Cave National Monument.

Division of Interpretation
Russell Cave National Monument
Route 1, Box 175
Bridgeport, AL 35740
(205) 495-2672

Wheeler National Wildlife Refuge

Wheeler National Wildlife Refuge programs include guided tours and lectures that focus on wildlife management.

Visitor Center
Wheeler National Wildlife Refuge
Route 4, Box 250
Decatur, AL 35603
(205) 353-7243/Fax: (205) 340-9728

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Charles B. Stults, Chief
Job Training Division
Alabama Department of Economic and
Community Affairs
401 Adams Avenue
P.O. Box 5690
Montgomery, AL 36103-5690
(205) 242-5300/Fax: (205) 242-5855

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Megan Johnson, Director
Aviation Education Resource Center
Alabama Aviation and Technical College
Learning Resource Center
P.O. Box 1209
Ozark, AL 36361
(205) 774-5113

Michele R. Walker, Programming Coordinator
Aviation Education Resource Center
University of North Alabama
UNA Box 5145
Florence, AL 35632-0001
(205) 760-4623

Gary W. Kiteley, Executive Director
Aviation Education Resource Center
University Aviation Association
3410 Skyway Drive
Opelika, AL 36801
(205) 844-2434

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Acting Director
Education Programs Office
Mail Code CL01
NASA Marshall Space Flight Center
Huntsville, AL 35812-0001
(205) 544-8800

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center
NASA Teacher Resource Center for Marshall
Space Flight Center
P.O. Box 070015
Huntsville, AL 35807-7015
(205) 544-5812

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Alabama Space Grant Consortium
University of Alabama in Huntsville
Materials Science Building, Room 205
Huntsville, AL 35899
(205) 895-6800

Florida

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Susan G. Fisher, Assistant Dean
4-H and Youth Development
University of Florida
P.O. Box 110520
Gainesville, FL 32611-0520
(904) 392-1744

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Doty Wenzel
545 East Tennessee
Black Building, Room 206
Tallahassee, FL 32308
(904) 487-4973/Fax: (904) 922-2189

Department of Commerce (DOC)

Apalachicola Bay National Estuarine Research Reserve

The Apalachicola Bay National Estuarine Research Reserve offers onsite and outreach education programs, including natural history field trips and classroom estuarine curricula.

Eric Lovestrand, Education Coordinator
Apalachicola Bay National Estuarine Research Reserve
261 Seventh Street
Apalachicola, FL 32320
(904) 653-8063/Fax: (904) 653-2297

Atlantic Oceanographic and Meteorological Laboratory

The Atlantic Oceanographic and Meteorological Laboratory manages a speakers bureau for in-school presentations. The Laboratory also supports a partnership program with local schools. It also provides opportunities for students to participate in an Executive Intern Program, Summer Intern Program, and Laboratory Research Program.

Dr. Howard A. Friedman
(Hurricane Information)
Atlantic Oceanographic and Meteorological Laboratory
National Oceanic and Atmospheric Administration
Hurricane Research Division
4301 Rickenbacker Causeway, Virginia Key
Miami, FL 33149
(305) 361-4400/Fax: (305) 361-4402
E-mail: friedman@aoml.erl.gov

Florida Keys National Marine Sanctuary

The Florida Keys National Marine Sanctuary offers onsite (in-the-water) interpretive programs for students of all ages. In-school presentations may also be arranged. This sanctuary manages Key Largo and Looe Key education programs. Brochures are available on coral reef ecosystems.

Pamela James, Program Manager
Florida Keys National Marine Sanctuary
P.O. Box 500368
Marathon, FL 33050
(305) 743-2437/Fax: (305) 743-2357

Marine Fisheries Southeast Regional Office

The Marine Fisheries Southeast Regional Office supports a partnership program with local schools and coordinates a speaker's bureau in which marine biologists visit the classroom.

Dan Furlong, Deputy Regional Director
National Marine Fisheries Service, Southeast Region
National Oceanic and Atmospheric Administration
9721 Executive Center Drive North
St. Petersburg, FL 33702-2432
(813) 570-5301/Fax: (813) 570-5300

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker
Mississippi-Alabama Sea Grant Consortium and
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(601) 374-5550/Fax: (601) 374-5559

Rookery Bay National Estuarine Research Reserve

In addition to workshops for teacher and environmental professionals, the Rookery Bay National Estuarine Research Reserve also provides field studies, onsite boat tours for students, and outreach programs.

Mary V. Hinchcliff, Education Coordinator
Rookery Bay National Estuarine Research Reserve
10 Shell Island Road
Naples, FL 33962
(941) 775-8845/Fax: (941) 775-7606

Department of Defense (DoD)

Air Force Armament Museum

The Air Force Armament Museum displays aircraft and the advancement of technology in missile and rocket science. Exhibits include missiles, launching and targeting systems, and the historical aspects of rocket science.

Air Force Armament Museum
100 Museum Drive
Eglin Air Force Base, FL 32542-5000
(904) 882-4062

Chief of Naval Education and Training, Pensacola

The Chief of Naval Education and Training in Pensacola, Florida, coordinates participation in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the panhandle of Florida. The Naval Education and Training Program Management Support Activity (NETPMSA) is also available for students and teachers within the Pensacola area.

CNET, Pensacola FL
Chief of Naval Education and Training
250 Dallas Street, Code OOK
Pensacola, FL 32508-5100
(904) 452-4837

National Museum of Naval Aviation

The National Museum of Naval Aviation is dedicated to the aviation history of the Navy, the Marine Corps, and the Coast Guard. Exhibits include an actual bridge and flight deck of an aircraft carrier as well as numerous exhibits that focus on the technology of naval aeronautics. The museum has 250,000 square feet of display space and more than 100 actual aircraft on display. Tours are available upon request.

National Museum of Naval Aviation
1750 Radford Boulevard, Suite C
Pensacola, FL 32508-5402
(904) 452-3604

Naval Base, Jacksonville

The Naval Base in Jacksonville participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout Florida and in Alabama, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, and Tennessee.

COMNAVBASE, Jacksonville
Commander
Naval Base, Jacksonville
Naval Air Station, Box 102, Attn. FSC
Jacksonville, FL 32212-0102
(904) 772-5380

Department of Education (ED)

Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Chery Cliett, Program Specialist
Eisenhower Consortium for Mathematics and
Science Education at SERVE
345 South Magnolia Drive, Suite E-22
Tallahassee, FL 32301-2950
(904) 671-6033/Fax: (904) 671-6010
(800) 854-0476

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained

and intensive high-quality professional development through inservice programs.

Peggy Primicerio
Eisenhower Professional Development Program
Florida Department of Education
Florida Education Center, Suite 522
325 West Gaines Street
Tallahassee, FL 32399-0400
(904) 488-6547/Fax: (904) 921-9059

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Lewis W. Wagar, Director
Postsecondary Education, Policy Unit
Eisenhower Professional Development Program
Florida Department of Education
Florida Education Center-1701 Capitol
Tallahassee, FL 32399
(904) 488-1812/Fax: (904) 921-5776

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

SERVE, Florida
345 South Magnolia Drive, Suite E-22
Tallahassee, FL 32301-2950
(904) 671-6000/Fax: (904) 671-6010
(800) 352-6001

Roy H. Forbes, Executive Director
SERVE
P.O. Box 5367
Greensboro, NC 27435
(910) 334-3211/Fax: (910) 334-3268
(800) 755-3277

Department of Energy (DOE)

Pinellas Plant

The Pinellas Plant sponsors numerous educational outreach programs. The U.S. Department of Energy Science Bowl is a major event that encourages high school students to compete and test their science knowledge. Regional winners are provided an opportunity to compete in the Nationals. National winners compete in an international setting. Several employees are mentors and tutors throughout the Pinellas Plant School system. Year round, employees volunteer for special events at schools including science fairs and career days. PCEF provides scholarships to underprivileged students and supports those programs that go above and beyond the standard curriculum.

Brenda Ricchi
Pinellas Plant
7887 Bryan Dairy Road
Largo, FL 34643
(813) 541-8516/Fax: (813) 541-8778

Department of the Interior (DOI)

Biscayne National Park

The Biscayne National Park operates the Adam Key Environmental Education Center, which offers environmental education programs for students. Teachers must attend a workshop prior to participating in the program.

Environmental Coordinator
Biscayne National Park
P.O. Box 1369
Homestead, FL 33090
(305) 247-2044

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Canaveral National Seashore

Canaveral National Seashore offers environmental education, as well as natural and cultural history programs on both ends of the Barrier Island. Guided tours and teacher guides are also available.

Division of Interpretation
Canaveral National Seashore
308 Julia Street
Titusville, FL 32796-3521
(407) 267-1110

Everglades National Park

The Everglades National Park operates six sites that each manage environmental education programs, including teacher workshops that offer college or professional credit. Guided tours, lectures, and comprehensive curriculum materials are also available.

Division of Interpretation
Everglades National Park
P.O. Box 279
Homestead, FL 33030
(305) 242-7700

Fort Caroline National Monument

The Fort Caroline National Monument offers onsite programs for students and in-school presentations during the school year. Programs emphasize natural resource issues found in the school curricula.

Division of Interpretation
Fort Caroline National Monument
12713 Fort Caroline Road
Jacksonville, FL 32225
(904) 221-5568

Gulf Islands National Seashore

Programs at the Gulf Islands National Seashore focus on environmental education and include nature walks, ranger lectures, and other activities. Teacher guides are also available upon request.

Division of Interpretation
Gulf Islands National Seashore
1801 Gulf Breeze Parkway
Gulf Breeze, FL 32561
(904) 934-2604

J.N. "Ding" Darling National Wildlife Refuge

Guided tours and curriculum materials are available to educators at the J.N. "Ding" Darling National Wildlife Refuge.

Public Use Manager
J.N. "Ding" Darling National Wildlife Refuge
One Wildlife Drive
Sanibel, FL 33957
(941) 472-1100/Fax: (941) 472-4061

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides a range of educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region
Minerals Management Service
Office of Public Affairs
1201 Elmwood Park Boulevard, Mail Stop 500
New Orleans, LA 70123-2394
(504) 736-2595/Fax: (504) 736-2459

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Tim Roach, Project WILD Coordinator
Florida Game and Freshwater Fish Commission
620 South Meridian Street
Tallahassee, FL 32399
(904) 488-4677/Fax: (904) 488-6988

St. Marks National Wildlife Refuge

St. Marks National Wildlife Refuge offers guided tours, teacher workshops, teacher guides, and in-class presentations.

Public Use Specialist
St. Marks National Wildlife Refuge
P.O. Box 68
St. Marks, FL 32355
(904) 925-6121/Fax: (904) 925-6930

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Shirley Gooding, Secretary
Florida Department of Labor and Employment
Security
2012 Capital Circle, Southeast
Suite 303, Hartman Building
Tallahassee, FL 32399-2152
(904) 922-7021/Fax: (904) 488-8930

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with

diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Larry Hedman, CMD-240
FAA Aviation Education Representative
Aviation Education Resource Center
Center for Management Development
4500 Palm Coast Parkway SE
Palm Coast, FL 32137
(904) 446-7126

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Larry Hedman, CMD-240
Center for Management Development
4500 Palm Coast Parkway SE
Palm Coast, FL 32137
(904) 446-7126

Dr. Ballard M. Barker, Head
Aviation Education Resource Center
Florida Institute of Technology
Department of Aviation Studies
The School of Aeronautics
150 West University Boulevard
Melbourne, FL 32901-6988
(407) 768-8000, ext. 8120

J. Anthony Sharp, Director
Aviation Education Resource Center
Florida Memorial College
Division of Airway Science
15800 Northwest 42nd Avenue
Miami, FL 33054
(305) 623-1440

Patricia Fleener-Ryan
Aviation Education Resource Center
Embry-Riddle Aeronautical University
AvEd Teacher Resource Center
Daytona Beach, FL 32114
(904) 226-6499

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

Environmental Research Laboratory

The Florida Environmental Research Laboratory supports the Educational Research Center of the University of West Florida to build and enhance environmental education at the State and local levels. Programs for teachers and curriculum materials are being developed.

Betty Jackson
U.S. Environmental Protection Agency
Environmental Research Laboratory/ORD
Sabine Island
Gulf Breeze, FL 32561-3999
(904) 934-9200

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition.

Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak
Chief, Education Services Branch
NASA John F. Kennedy Space Center
Mail Code PA-ESB
Kennedy Space Center, FL 32899-0001
(407) 867-4444

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center
Educators Resources Center
Mail Code ERC
Kennedy Space Center, FL 32899-0001
(407) 867-4090

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Florida Space Grant Consortium
405 Space Sciences Research Building
Department of Astronomy
University of Florida
Gainesville, FL 32611-0961
(904) 392-6750

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Florida's Statewide Systemic Initiatives Program is directed at restructuring K-12 science and mathematics curriculum, including the integration of technology. Other aspects include equity, assessment, and technology education.

Tom Baird
Florida Department of Education
325 West Gaines Street, Suite 344
Tallahassee, FL 32399-0400
(904) 922-4207/Fax: (904) 922-0028

Georgia

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Roger C. Ryles, Jr., State 4-H Program Leader
State 4-H Office, Hoke Smith Annex
University of Georgia
Athens, GA 30602
(706) 542-8804

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Donna Reynolds
Georgia Farm Bureau
P.O. Box 7068
Macon, GA 31298
(912) 474-8411

Department of Commerce (DOC)

Gray's Reef National Marine Sanctuary

The Gray's Reef National Marine Sanctuary's Interpretive Center is located at the University of Georgia Aquarium on Skidaway Island. The Center offers classrooms, laboratories, exhibits, touch tanks, and lecture series for educators.

Sarah Mitchell, Education Coordinator
Gray's Reef National Marine Sanctuary
30 Ocean Science Circle
Savannah, GA 31411
(912) 598-2345/Fax: (912) 598-2367

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker
Mississippi-Alabama Sea Grant Consortium and
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(601) 374-5550/Fax: (601) 374-5559

Sapelo Island National Estuarine Research Reserve

The Sapelo Island National Estuarine Research Reserve offers education tours for school groups, including special archaeological and natural history tours. Reservations are required.

Fred Hay, Education Coordinator
Sapelo Island National Estuarine Research Reserve
Georgia Department of National Resources
P.O. Box 15
Sapelo Island, GA 31327
(912) 485-2251/Fax: (912) 485-2141

Department of Defense (DoD)

National Science Center

With its multifaceted programs in science and mathematics, the National Science Center offers workshops/camps for students, portable planetariums available on loan to teachers who have been certified through the Center's comprehensive training program, a discovery center with opportunities for classroom visits, and a teacher resource center that provides science, mathematics, electronics, and computer materials for teachers to use in the classroom.

National Science Center
Attention: ATZH-NSC-D
Building 25722
Fort Gordon, GA 30905-5689
(706) 791-7621

Naval Submarine Base, Kings Bay

The Naval Submarine Base in Kings Bay, Georgia, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations throughout the Kings Bay area.

COMSUBGRU TEN
Commander
Submarine Group Ten
1050 USS Georgia Avenue
Kings Bay, GA 31547-2609
(912) 673-4005

Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Patricia Wylie
Army Directorate of Information Management
(DOIM)
Ft. McPherson, GA 30330-5000
(404) 752-2892

U.S. Army Signal Corps and Fort Gordon Museum

The evolution of communications technology is the primary focus of the Fort Gordon Museum. Tours and lectures are available upon request.

U.S. Army Signal Corps and Fort Gordon Museum
Attention: ATZH-SM
Building 36305
Fort Gordon, GA 30905-5273
(706) 791-3856

Department of Education (ED)

Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Lori Donoho, Program Specialist
Eisenhower Consortium for Mathematics and
Science Education at SERVE
41 Marietta Street, NW, Suite 100
Atlanta, GA 30303
(404) 577-7737 / Fax: (404) 577-7812
(800) 659-3204

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dick Grover
Eisenhower Professional Development Program
Georgia Department of Education
School Support Services Unit
1762 Twin Towers East
Atlanta, GA 30334
(404) 656-2403 / Fax: (404) 651-8984

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Russell Yeahy / Edward J. Davis
Eisenhower Professional Development Program
University of Georgia
315 Aderhold Hall
Athens, GA 30602
(706) 542-4047 / Fax: (706) 542-4042

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211 / Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

SERVE, Georgia
41 Marietta Street NW, Suite 1000
Atlanta, GA 30303
(404) 577-7737 / Fax: (404) 577-7812
(800) 659-3204

Roy H. Forbes, Executive Director
SERVE
P.O. Box 5367
Greensboro, NC 27435
(910) 334-3211 / Fax: (910) 334-3268
(800) 755-3277

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Chattahoochee River National Recreation Area

Programs at the Chattahoochee River National Recreation Area include nature walks, ranger lectures, and activities that focus on environmental education. The Chattahoochee Geosphere Center, a cooperative education facility, also offers teacher workshops. Teacher guides are available upon request.

Division of Interpretation
Chattahoochee River National Recreation Area
1978 Island Ford Parkway
Dunwoody, GA 30350
(404) 399-8070

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985 / Fax: (202) 208-6198

Office of International Activities and Marine Minerals
Minerals Management Service
381 Eldon Street, Mail Stop 4030
Herndon, VA 22070-4817
(703) 787-2393 / Fax: (703) 787-1284

Piedmont National Wildlife Refuge

Teacher workshops on environmental education are available at the Piedmont National Wildlife Refuge. Scheduled tours can be arranged upon request.

Public Use Manager
Piedmont National Wildlife Refuge
Route 1, Box 670
Round Oak, GA 31038
(912) 986-5411 / Fax: (912) 986-9646

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Richard Osorio, Project WILD Coordinator
Rock Eagle 4-H Center
350 Rock Eagle Road
Eatonon, GA 31204
(706) 485-2831 / Fax: (706) 485-2191

Ken Riddleberger, Project WILD Coordinator
Georgia Wildlife Resources Division
2111 Highway 278 SE
Social Circle, GA 30279
(706) 557-3035/Fax: (706) 557-3030

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

David B. Poythress, Commissioner
Georgia Department of Labor
148 International Boulevard NE
Sussex Place, Room 600
Atlanta, GA 30303
(404) 656-3011/Fax: (404) 656-2683

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Viki Dennard, Assistant Principal
Aviation Education Resource Center
Conyers Middle School
335 Sigman Road
Conyers, GA 30207-3699
(404) 483-3371

Charles "Chuck" Nyren
Aviation Education Resource Center
East Cobb Middle School
380 Holt Road
Marietta, GA 30068
(404) 971-8397

Joyce Carlton, Director of Education
Aviation Education Resource Center
Museum of Aviation at Robins AFB
P.O. Box 2469
Warner Robins, GA 31099
(912) 926-4242

Anthony Docal, Director
Southern College of Technology
Georgia Youth Science & Technology Center
1100 South Marietta Parkway
Marietta, GA 30060-2896
(404) 528-6272

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

Environmental Research Laboratory

Teacher fellowships, student summer camps, student employment programs, community partnerships, and in-school programs are offered through the Environmental Research Laboratory.

Environmental Research Laboratory
U.S. Environmental Protection Agency
906 College Station Road
Athens, GA 30605-2720
(706) 546-3524

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Steve Dutczak
Chief, Education Services Branch
NASA John F. Kennedy Space Center
Mail Code PA-ESB
Kennedy Space Center, FL 32899-0001
(407) 867-4444

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John F. Kennedy Space Center
Educators Resources Center
Mail Code ERC
Kennedy Space Center, FL 32899-0001
(407) 867-4090

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Southern College of Technology/GYSTC
1100 South Marietta Parkway
Marietta, GA 30060-2896
(404) 528-6272

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Georgia Space Grant Consortium
Georgia Tech
Department of Aerospace Engineering
Atlanta, GA 30332-0150
(404) 894-8202

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Georgia's Statewide Systemic Initiatives Program includes five regional centers that link schools with university faculty. Program goals include increasing the success of underrepresented groups and developing teachers with strong pedagogical and content foundations, as well as recruiting and retaining a high-quality teaching force. Other goals include developing and implementing interdisciplinary curriculum and designing innovative assessment techniques.

Michael Padilla
212 Aderhold Building
University of Georgia
Athens, GA 30602-7126
(706) 542-4341 / Fax: (706) 542-4348

Mississippi

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Susan Holder, State Leader
4-H Youth Development
P.O. Box 9601
Mississippi State University
Mississippi State, MS 39762
(601) 325-3352/Fax: (601) 325-8407

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Clara A. Bilbo
Mississippi Farm Bureau
P.O. Box 1972
Jackson, MS 39205-1972
(601) 977-4245

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker
Mississippi-Alabama Sea Grant Consortium and
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(601) 374-5550/Fax: (601) 374-5559

Department of Defense (DoD)

OCEANS—Opportunities in Coastal Engineering for Academically Talented Students

Students explore coastal erosion first-hand on a Gulf of Mexico beach and follow up their discoveries with laboratory and classroom work. Instructional areas include Coastal Engineering, Geometry, Surveying, Technical Writing, Career Exploration, Research

Methodology, Coastal Geology, Trigonometry, Computer Graphics, and Ethics of Engineering. Also included is a 3-day Coastal Engineering hands-on course at the U.S. Army Engineer Waterways Experiment Station.

Stephen Wagner
U.S. Army Engineer Waterways Experiment
Station
3909 Halls Ferry Road
Vicksburg, MS 39180
(601) 634-3000

Science and Engineering Apprentice Program

This program, supported by DoD and administered by The George Washington University, is designed to provide research experience for high school students attending school near this participating research facility. Each student works with a senior scientist or engineer who acts as a mentor for 8 weeks during the summer.

Steve Wagner
Army Waterways Experiment Station (WES)
Vicksburg, MS 39180-6199
(601) 634-3000

Diane Wilson
Naval Research Laboratory (NRL-S)
Stennis Space Center, MS 39529-5004
(601) 688-4334

Department of Education (ED)

Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

John Roberts, Program Specialist
Eisenhower Consortium for Mathematics and
Science Education at SERVE
Delta State University
West Sunflower Road-Ewing Hall, Room 373
Box 3183
Cleveland, MS 38732
(601) 846-4384/Fax: (601) 846-4402
(800) 326-4548

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Donna Lander/Sandra Crowley
Eisenhower Professional Development Program
Mississippi Department of Education
Walter Sillers Building, Suite 1604
P.O. Box 771
Jackson, MS 39205-0771
(601) 359-3486/Fax: (601) 359-2040

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Charles Pickett and Dr. Rita Nordan
Eisenhower Professional Development Program
Mississippi Board of Trustees of State Institutions
of Higher Learning
3825 Ridgewood Road
Jackson, MS 39211
(601) 982-6626/Fax: (601) 982-6610

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement

efforts within the region and shares this information with State and local educators.

SERVE, Mississippi
Delta State University
P.O. Box 3183
Cleveland, MS 38733
(601) 846-4384/Fax: (601) 846-4402
(800) 326-4548

Roy H. Forbes, Executive Director
SERVE
P.O. Box 5367
Greensboro, NC 27435
(910) 334-3211/Fax: (910) 334-3268
(800) 755-3277

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Gulf Islands National Seashore

Programs at the Gulf Islands National Seashore focus on environmental education and include nature walks, ranger lectures, and other activities. Teacher guides are also available upon request.

Division of Interpretation
Gulf Islands National Seashore
3500 Park Road
Ocean Springs, MS 39564
(601) 875-0074

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be

limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region
Minerals Management Service
Office of Public Affairs
1201 Elmwood Park Boulevard, Mail Stop 500
New Orleans, LA 70123-2394
(504) 736-2595/Fax: (504) 736-2459

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Georgia Spencer, Project WILD Coordinator
Museum of Natural Science
111 North Jefferson Street
Jackson, MS 39202
(601) 354-7303/Fax: (601) 354-7227

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Jean Denson, Director
Mississippi Department of Economic and
Community Development
Employment Training Division
301 West Pearl Street
Jackson, MS 39203-3089
(601) 949-2234/Fax: (601) 949-2291

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for

women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Mark Rice
Aviation Education Resource Center
Stringer Aerospace Education Center
Old Highway 15, P.O. Box 68
Stringer, MS 39481
(601) 649-5566

Dr. Harry A. Cooley, Director
Aviation Education Resource Center
Jackson State University
Airway Science Program
1400 Lynch Street
Jackson, MS 39217
(601) 968-2471

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to partici-

pate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. David Powe
Manager, Educational Programs
NASA John C. Stennis Space Center
Mail Stop MA00
Stennis Space Center, MS 39529-6000
(601) 688-1107

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes,

publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA John C. Stennis Space Center
Teacher Resource Center
Building 1200
Stennis Space Center, MS 39529-6000
(601) 688-3338

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Tri-State Learning Center
NASA Regional Teacher Resource Center
P.O. Box 508
Iuka, MS 38852-0508
(601) 423-7455

Mississippi Delta Community College
NASA Regional Teacher Resource Center
P.O. Box 668
Moorehead, MS 38761
(601) 246-5631, ext. 125

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Mississippi Space Grant Consortium
125 Old Chemistry Building
University of Mississippi
University, MS 38677
(601) 232-7482

North Carolina

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Dalton R. Proctor
Assistant Director, Extension State 4-H Leader
North Carolina State University
P.O. Box 7606
Raleigh, NC 27695-7606
(919) 515-2801

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Janice Shepard
North Carolina Farm Bureau
P.O. Box 27766
Raleigh, NC 27611
(919) 782-1705/Fax: (919) 783-3593

Youth Enrichment Program

The Youth Enrichment Program, sponsored by the Agricultural Research Service, provides first-hand science experience for more than 100 high school students in the region who are interested in attending college and pursuing science careers.

Program Manager
U.S. Department of Agriculture
Cooperative State Research, Education, and
Extension Service
14th Street and Independence Avenue SW,
Room 3345-S
Washington, DC 20250-2200
(202) 720-3511

Department of Commerce (DOC)

Monitor National Marine Sanctuary

The Monitor National Marine Sanctuary was the first site designated as a national marine sanctuary in 1975. Located 16 miles off Cape Hatteras, North Carolina, this Civil War ironclad warship lies in 220 feet of water.

Dina Hill, Education Coordinator
Monitor National Marine Sanctuary
c/o The Mariner's Museum Library
100 Museum Drive
Newport News, VA 23606-3798
(804) 599-3122/Fax: (804) 599-7310

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Bill Hall
Delaware Sea Grant
700 Pilottown Road
Lewes, DE 19958
(302) 645-4253/Fax: (302) 645-4007

North Carolina National Estuarine Research Reserve

The North Carolina National Estuarine Research Reserve offers educational services for school groups, interpretive services, and educational curriculum development. A field guide is available.

Joyce Atkinson, Education Coordinator
North Carolina National Estuarine Research
Reserve
North Carolina Division of Coastal Management
P.O. Drawer 1040
Beaufort, NC 28516
(919) 728-2170

The National Climatic Data Center

The National Climatic Data Center publishes meteorological and climatic data that are available to the public for a fee. A catalog listing the products and costs is available.

Jenny Pressley
National Climatic Data Center
National Environmental Satellite, Data, and
Information Service
National Oceanic and Atmospheric
Administration
151 Patton Avenue, Room 120
Asheville, NC 28801-2733
(704) 271-4258/Fax: (704) 271-4876

Department of Education (ED)

Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Karen Charles, Program Specialist
Eisenhower Consortium for Mathematics and
Science Education at SERVE
201 Ferguson Building
UNCG Campus
Greensboro, NC 27435
(910) 334-4289/Fax: (910) 334-3276
(800) 755-3277

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Linda G. Love
Eisenhower Professional Development Program
North Carolina Department of Public Instruction
301 North Willmington
Raleigh, NC 27601-2825
(919) 715-1363/Fax: (919) 715-0517

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Jane Mitchell
Peabody Hall, Room 201, CB #3345
Mathematics and Science Education Network
Chapel Hill, NC 27599-3345
(919) 966-3256/Fax: (919) 962-1316

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Roy H. Forbes, Executive Director
SERVE
P.O. Box 5367
Greensboro, NC 27435
(910) 334-3211/Fax: (910) 334-3268
(800) 755-3277

Department of Health and Human Services (HHS)

National Institute of Environmental Health Sciences

Life sciences education programs are supported by the National Institute of Environmental Health Sciences.

National Institute of Environmental Health Sciences
National Institutes of Health
Office of Institutional Development
Mail Drop B2-09
P.O. Box 12233
Research Triangle Park, NC 27709
(919) 541-4265

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Cape Hatteras National Seashore

Environmental education programs are available for 4th-grade students at Cape Hatteras National Seashore. Guided tours and lectures are offered to all grade levels.

Division of Interpretation
Cape Hatteras National Seashore
Route 1, Box 675
Manteo, NC 27954
(919) 473-2111

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine Minerals
Minerals Management Service
381 Eldon Street, Mail Stop 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Celeste Wescott, Project WILD Coordinator
North Carolina Wildlife Resources Commission
512 North Salisbury Street
Raleigh, NC 27611
(919) 733-7123/Fax: (919) 733-7083

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Joel C. New, Director
Division of Employment and Training
North Carolina Department of Commerce
111 Seaboard Avenue
Raleigh, NC 27604
(919) 733-6383/Fax: (919) 733-6923

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this

1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational

materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Helen Caldwell
Elizabeth Aviation High School
1704 Weeksville Road
Elizabeth City, NC 40212
(919) 335-3291

Warren Wren
Wright Brothers National Memorial
U.S. 158 By-Pass
Kill Devil Hills, NC 27948
(919) 441-7430

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

Research Triangle Park Laboratories and Offices

The facilities at Research Triangle Park offer teacher training in environmental matters, and staff participate in educational activities such as summer science camps for students and in-school presentations.

Rhoda Ritzenberg
U.S. Environmental Protection Agency
(MB-50)
Research Triangle Park, NC 27711
(919) 541-2615

Anne Pope
U.S. Environmental Protection Agency
(MB-14)
Research Triangle Park, NC 27711
(919) 541-5373

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Marchelle Canright
Center Education Program Officer
NASA Langley Research Center
Mail Stop 400
Hampton, VA 23681-0001
(804) 864-3313

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Virginia Air and Space Center
NASA Teacher Resource Center
600 Settler's Landing Road
Hampton, VA 23669-4033
(804) 727-0900, ext. 757

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of North Carolina at Charlotte
NASA Regional Teacher Resource Center
J. Murrey Atkins Library
Charlotte, NC 28223
(704) 547-2559

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organiza-

tions that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

North Carolina Space Grant Consortium
North Carolina State University
Campus Box 7515
Raleigh, NC 27695-7515
(919) 515-5939

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Developed by the State's Science and Mathematics Alliance, North Carolina's Statewide Systemic Initiatives Program brings public schools, industry, community, and university-technical colleges together to collaborate on issues in mathematics and science education. In addition, 10 regional partnerships have been established to address local needs.

Susan Frie
University of North Carolina
Chapel Hill, NC 27599
(919) 966-3256

South Carolina

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Glen Krohn, Assistant Director
4-H Youth Development
1096 G Barre Hall
P.O. Box 340315
Clemson, SC 29634-0315

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by

the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dale A. Law
201 Clemson, 922 Rutledge Building
Columbia, SC 29201
(803) 734-8426

Department of Commerce (DOC)

ACE Basin National Estuarine Research Reserve

The ACE Basin National Estuarine Research Reserve offers teacher workshops, a coastal cruise on a research vessel, and guided nature walks. Reservations are required.

Whit McMillan, Education Coordinator
ACE Basin National Estuarine Research Reserve
South Carolina Wildlife and Marine Resources
Department
P.O. Box 12559
Charleston, SC 29412
(803) 762-5437/5007/Fax: (803) 762-5001

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker
Mississippi-Alabama Sea Grant Consortium and
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(601) 374-5550/Fax: (601) 374-5559

North Inlet/Winyah Bay National Estuarine Research Reserve

Summer coastal ecology courses for grades K-5 and workshops for teachers are available. Reservations are required.

Wendy Allen, Education Coordinator
North Inlet/Winyah Bay National Estuarine
Research Reserve
Baruch Marine Field Laboratory
P.O. Box 1630
Georgetown, SC 29440
(803) 546-3623/Fax: (803) 546-1632

Department of Education (ED)

Eisenhower Consortium for Mathematics and Science Education at SERVE

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Karen Charles, Program Specialist
Eisenhower Consortium for Mathematics and
Science Education at SERVE
201 Ferguson Building
UNCG Campus
Greensboro, NC 27435
(910) 334-4289/Fax: (910) 334-3276
(800) 755-3277

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Tanzella Gaither
Eisenhower Professional Development Program
703 Rutledge Building, 1429 Senate
Columbia, SC 29201
(803) 734-8312/Fax: (803) 734-5953

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Nancy Healy-Williams
Academic Program Coordinator
Eisenhower Professional Development Program
South Carolina Commission on Higher Education
1333 Main Street, Suite 200
Columbia, SC 29201
(803) 737-2246/Fax: (803) 253-2297

Dr. Gail Morrison
Associate Commissioner for Academic Affairs
South Carolina Commission on Higher Education
1333 Main Street, Suite 300
Columbia, SC 29201
(803) 737-2243/Fax: (803) 737-2297

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

SouthEastern Regional Vision for Education (SERVE)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

SERVE, South Carolina
1008 Rutledge Building
1429 Senate Street
Columbia, SC 29201
(803) 734-4110/Fax: (803) 734-3389

Roy H. Forbes, Executive Director
SERVE
P.O. Box 5367
Greensboro, NC 27435
(910) 334-3211/Fax: (910) 334-3268
(800) 755-3277

Department of Energy (DOE)

Savannah River Ecology Laboratory (SREL)

The Savannah River Ecology Laboratory offers outstanding short- and long-term educational and research opportunities in ecology and environmental sciences for undergraduate and graduate students and university faculty. SREL also participates in the DOE-sponsored Teacher Research Associates (TRAC) program.

J. Vaun McArthur
Environmental Outreach and Education Division
Drawer E
Aiken, SC 29802
(803) 725-9726/Fax: (803) 725-3309

Savannah River Site (SRS) Student Tours

Tours are available to high school or higher education groups seeking general information about the site.

Westinghouse Savannah River Company
Visitors Program
Community Relations Department
1995 South Centennial Avenue
Aiken, SC 29803
(803) 644-6816

Department of the Interior (DOI)

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Carolina Sandhills National Wildlife

Carolina Sandhills National Wildlife Refuge

Both in-school presentations and guided field trips at the Carolina Sandhills National Wildlife Refuge can be arranged upon request.

Carolina Sandhills National Wildlife Refuge
Route 2, Box 330
McBee, SC 29101
(803) 335-8401/Fax: (803) 335-8406

Congaree Swamp National Monument

Spring and fall environmental programs are offered for students at the Congaree Swamp National Monument, and summer workshops are available for teachers. Guided walks are also available.

Division of Interpretation
Congaree Swamp National Monument
200 Caroline Simms Road
Hopkins, SC 20961
(803) 776-4396

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher in-service programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Office of Communications and Governmental Affairs
Education Coordinator
Minerals Management Service
1849 C Street NW, Mail Stop 0500
Washington, DC 20240
(202) 208-3985/Fax: (202) 208-6198

Office of International Activities and Marine Minerals
Minerals Management Service
381 Eldon Street, Mail Stop 4030
Herndon, VA 22070-4817
(703) 787-2393/Fax: (703) 787-1284

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than

80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Don Winslow, Project WILD Coordinator
South Carolina Wildlife and Marine Resources
1000 Assembly, P.O. Box 167
Columbia, SC 29202
(803) 734-3888/Fax: (803) 734-3951

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Dr. Robert E. David, Executive Director
South Carolina Employment Security Commission
P.O. Box 995
Columbia, SC 29202
(803) 737-2617/Fax: (803) 737-2642

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs

and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Federal Aviation Administration (FAA) Aviation Education Representative

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George Burnette, ASO-17B.1
FAA Aviation Education Representative
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College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

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Parnell Smith, Dean
Clinton Junior College
P.O. Box 968
Rock Hill, SC 29731
(803) 327-7402

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

George Burnette, ASO-17B.1
FAA Aviation Education Representative
1701 Columbia Avenue
College Park, GA 30337
(404) 305-5350/Fax: (404) 305-5312

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 4
345 Courtland Street NE
Atlanta, GA 30365
(404) 347-3004/Fax: (404) 347-3721

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Marchelle Canright
Center Education Program Officer
NASA Langley Research Center
Mail Stop 400
Hampton, VA 23681-0001
(804) 864-3313

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

Virginia Air and Space Center
NASA Teacher Resource Center
600 Settler's Landing Road
Hampton, VA 23669-4033
(804) 727-0900, ext. 757

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Stanback Planetarium
NASA Regional Teacher Resource Center
South Carolina State University
P.O. Box 7636
Orangeburg, SC 29117-7636
(803) 536-8709/7174/8119

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

South Carolina Space Grant Consortium
Department of Geology
58 Coming Street
Charleston, SC 29424
(803) 953-5463

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

South Carolina's Statewide Systemic Initiatives Program uses regional centers to achieve system reform. These centers develop teacher leaders and expand their expertise in instructional strategies, assessment, and community outreach projects. This initiative is supported by changes in policy, certification standards for both teachers and administrators, school regulations and accountability, and the development of State science and mathematics curriculum frameworks.

Dennis Bartels
1429 Senate Street
Rutledge Building, Room 703
Columbia, SC 29201
(803) 734-8277/Fax: (803) 734-8624
E-mail: ebartels@ssi.edc.org

Southwest

Areas Served:

**Arkansas, Louisiana,
New Mexico, Oklahoma,
and Texas**



Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Southwest Consortium for the Improvement of Mathematics and Science Teaching (SCIMAST) is 1 of the 10 Eisenhower Mathematics and Science Regional Consortia established by the U.S. Department of Education. The National Network of Eisenhower Regional Consortia and the Eisenhower National Clearinghouse for Mathematics and Science Education form a coordinated, field-based national infrastructure to promote systemic educational reform. The Consortium supports systemic educational reform in its region, with objectives to support regional, State, and local reform initiatives and to fill gaps in knowledge and service to help educators:

- Develop statewide visions of a system of mathematics and science education that provides equal access to all students and reflects emerging world-class standards.
- Develop State policies and systems to guide the implementation of that vision.
- Implement professional development approaches that model effective teaching and provide sustained support.
- Identify, adapt, and use instructional materials, methods, and assessment tools to implement new visions of mathematics and science education.

SCIMAST has been funded since the fall of 1992, through grants from the U.S. Department of Education's Eisenhower National Program for Mathematics and Science Education. This year's Federal funds for SCIMAST total \$1,470,000, representing 80 percent of the project's costs. An additional \$367,500 is provided by non-Federal sources, making up the final 20 percent of project costs. SCIMAST is operated by the Southwest Educational Development Laboratory, which has provided educational services to the Southwestern region since 1966.

Consortium activities are grounded in the belief that "systemic reform" requires support for change at all levels of the educational system, and that educators at all levels must participate in setting the direction

for change. If any single group is most critical in transforming educational practice, it is teachers. Teachers need an active voice in the reform movement; they also need strong programs of professional development and support. Teachers teach in the ways they have been taught, not in the ways they have been told to teach; therefore, teacher training needs to effectively model the instructional approaches that teachers are expected to use in the classroom.

Consortium activities also reflect the belief that equity must be a priority in the reform and redesign of mathematics and science education. No country can maintain world-class status if half or more of its students are disenfranchised from the system. Moreover, "equal access" means much more than simply the freedom to walk in the door of a classroom or enroll in a course; it includes access to ideas and resources. Instructional content and strategies, then, must be geared to the context, interests, and needs of every student, not merely those for whom the mathematics and science pipeline has traditionally been structured.

SCIMAST does not operate with or for a narrowly defined membership. Rather, organizational structures and activities are designed to be as inclusive as possible, promoting open communication and collaboration among a broad spectrum of participants. The 16-member Consortium Advisory Board includes representatives from all levels of educational policy and practice and reflects the Southwestern region's cultural and ethnic diversities. Regional forums and other Consortium-sponsored meetings are open to all constituencies. Service activities also are targeted to a wide range of practitioners and policymakers.

The Consortium offers services to educators at all levels of practice, including State and local policymakers; teacher trainers and professional development staff; and local administrators, supervisors, and

teachers. Networking activities include conducting regional forums that focus on reform issues and concerns, and State-level meetings to facilitate consensus regarding standards and policies. Technical assistance is provided to States to support development and implementation of statewide visions, goals, standards, frameworks, curricula, materials, assessments, and instructional practices. Schools also receive technical assistance to identify, select, and implement quality programs, materials, and assessments.

Professional development activities are available in the form of work sessions for policymakers and teacher trainers to increase their awareness and proficiency in using effective, student-centered staff development approaches. Professional development awards have been made available to support and strengthen local programs at both preservice and inservice levels. The Consortium also provides intensive summer workshops for teachers, providing up-to-date content and modeling effective teaching practices.

The Consortium identifies regional resources, including materials, instructional methods, and assessment tools, appropriate for dissemination via the Eisenhower National Clearinghouse. The Consortium provides dissemination of information about reform issues, regional resources, SCIMAST services, and the services and information available through the Eisenhower National Clearinghouse.

Wesley A. Hoover, Director
Glenda Clark, Senior Training Associate
Jackie Palmer, Senior Training Associate
Barbara Salyer, Senior Training Associate
Maria Torres, Senior Training Associate
Kathy Schmidt, Evaluation Associate
Mary Jo Powell, Technical Writing Associate
Sharon Adams, Information Services Associate
Lori Snider, Administrative Assistant

Southwest Consortium for the Improvement of
Mathematics and Science Teaching
211 East Seventh Street
Austin, TX 78701
(512) 476-6861 / Fax: (512) 476-2286
E-mail: scimast@sedl.org
WWW: <http://diogenes.sedl.org/sedl/scimast.html>

BEST COPY AVAILABLE

Arkansas

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Frank T. Plafcan
4-H State Leader
2201 Brookwood, P.O. Box 391
University of Arkansas
Little Rock, AR 72203
(501) 671-2059

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Larry R. Dale
ASU Center for Economic Education
P.O. Box 2890
University of Arkansas
State University, AR 72467-2890
(501) 972-3810/Fax: (501) 972-3868

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dr. Charles Watson
Eisenhower Professional Development Program
Arkansas Department of Education
Four State Capitol Mall, Room 107-A
Little Rock, AR 72201-1904
(501) 682-4474/Fax: (501) 682-4886

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Suzanne Mitchell
Eisenhower Professional Development Program
Arkansas Department of Higher Education
114 East Capitol Avenue
Little Rock, AR 72201-1904
(501) 324-9300/Fax: (501) 324-9308

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director
Southwest Consortium for the Improvement of
Mathematics and Science Teaching
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Southwest Educational Development Laboratory (SEDL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director
Southwest Educational Development Laboratory
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Department of the Interior (DOI)

Arkansas Post National Memorial

The Arkansas Post National Memorial offers guided nature walks and lectures that focus on archeology, biology, water conservation and ecology, and anthropology.

Division of Interpretation
Arkansas Post National Memorial
Route 1, Box 16
Gillett, AR 72055
(501) 548-2432

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Pat Knighten, Project WILD Coordinator
Arkansas Game and Fish Commission
2 Natural Resources Drive
Little Rock, AR 72205
(501) 223-6405/Fax: (501) 233-6447

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Sharon Robinette, Administrator
Employment and Training Division
Arkansas Employment Security Division
2 Capitol Mall, Room 303
Little Rock, AR 72203
(501) 682-1684/Fax: (501) 682-1344

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Louis Midkiff
Aviation Education Resource Center
Crowley's Ridge Education Service Cooperative
P.O. Box 377
Harrisburg, AR 72432
(501) 578-5426

Catherine Johnson
Aerospace Education Center
425 West Capital Avenue, Suite 3280
P.O. Box 7332
Little Rock, AR 72201
(501) 371-0331

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
1445 Ross Avenue, Mail Stop 6X
Dallas, TX 75202
(214) 655-2204/Fax: (214) 655-2118

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two com-

ponents of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6
1445 Ross Avenue
Dallas, TX 75202-2733
(214) 655-2204/Fax: (214) 655-2118

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Acting Director
Education Programs Office
Mail Code CL01
NASA Marshall Space Flight Center
Huntsville, AL 35812-0001
(205) 544-8800

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

U.S. Space and Rocket Center
NASA Teacher Resource Center for Marshall
Space Flight Center
P.O. Box 070015
Huntsville, AL 35807-7015
(205) 544-5812

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of Arkansas at Little Rock
Natural Sciences Building, Room 215
2801 South University
Little Rock, AR 72204
(501) 569-3259

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Arkansas Space Grant Consortium
University of Arkansas at Little Rock
Graduate Institute of Technology, ETAS 125
2801 South University Avenue
Little Rock, AR 72204-1099
(501) 569-8212

National Science Foundation (NSF)

Statewide Systemic Initiatives (SSI) Program

In five designated regions, business and education partnerships, plus broad-based coalitions, function as management structure to expand the mathematics

and science alliances. The Arkansas SSI develops K-16 mathematics and science leadership through the Arkansas Crusades, a unique statewide professional development program.

Suzanne Mitchell
Arkansas Department of Higher Education
114 East Capitol Avenue
Little Rock, AR 72201-1904
(501) 324-9300/Fax: (501) 324-9308
E-mail: smitchell@ssi.edc.org

Louisiana

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Norman Roberts, Program Leader
4-H and Youth Development
Louisiana State University
P.O. Box 2510
Baton Rouge, LA 70894-5100
(504) 388-2196

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Barbara Langley
Louisiana Farm Bureau Federation
P.O. Box 95004
Baton Rouge, LA 70895-9004
(504) 922-6200/Fax: (504) 922-6251

Lynda Danos
2144 Highway 1
Raceland, LA 70394
(504) 448-2395

Department of Commerce (DOC)

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker
Mississippi-Alabama Sea Grant Consortium and
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(601) 374-5550/Fax: (601) 374-5559

Department of Defense (DoD)

Eighth Air Force Museum

The Eighth Air Force Museum exhibits aircraft from pre-World War II to the modern era with an emphasis on the advancement of aviation and bombardment technology. Tours are available upon request.

Eighth Air Force Museum
88 Shreveport Road
Barksdale Air Force Base, LA 71110-9260
(318) 456-3067/Fax: (318) 456-5558

Naval Reserve Force, New Orleans

This activity participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in Arkansas, Louisiana, New Mexico, Oklahoma, and Texas.

NAVRESFOR New Orleans
Commander
Naval Reserve Force
4400 Dauphine Street
Code 009
New Orleans, LA 70142-5000
(504) 948-5307

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State

Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Dan K. Lewis/Charles Jarreau
Eisenhower Professional Development Program
Louisiana Department of Education
P.O. Box 94064
Baton Rouge, LA 70804-9064
(504) 342-3375/Fax: (504) 342-3448

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dick Anderson
Assistant Commissioner of Sponsored Programs
Eisenhower Professional Development Program
Louisiana Board of Regents
1885 Wooddale Boulevard, 11th Floor
Baton Rouge, LA 70806
(504) 922-0690/Fax: (504) 922-0688

Dr. Kerry Davidson, Deputy Commissioner
Academic Affairs and Sponsored Programs
Eisenhower Professional Development Program
Louisiana Board of Regents
150 Third Street, Suite 129
Baton Rouge, LA 70801-1389
(504) 342-4253/Fax: (504) 342-9318

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jean Williams, Co-Director
SERVE, Inc.
P.O. Box 5406
Greensboro, NC 27412
(910) 334-3211/Fax: (910) 334-3268
E-mail: jean.williams@bbs.serv.org

Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director
Southwest Consortium for the Improvement of
Mathematics and Science Teaching
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Southwest Educational Development Laboratory (SEDL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director
Southwest Educational Development Laboratory
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Department of Energy (DOE)

Biotechnology Education Project (BEP)

In this 2-week series of multidisciplinary courses, teachers and students focus on biotechnology issues, including genetic engineering and ethics in research.

Dick Farnsworth, Teacher Programs Manager
Lawrence Livermore National Laboratory
P.O. Box 808
Livermore, CA 94550
(510) 422-5059/Fax: (510) 422-5947
E-mail: farnsworth1@llnl.gov

Strategic Petroleum Reserve

Strategic Petroleum Reserve provides teacher fellowships, student support programs, and curriculum material loans and sponsors a Regional Science Bowl.

Durinda Robinson
Strategic Petroleum Reserve
900 Commerce Road East
New Orleans, LA 70123
(504) 734-4312/Fax: (504) 734-4427

Department of the Interior (DOI)

Bayou Sauvage National Wildlife Refuge

Guided walks and canoe trips at the Bayou Sauvage National Wildlife Refuge promote awareness in wetlands management. In-class presentations are also available.

Lynn Payne
Bayou Sauvage National Wildlife Refuge
1010 Gause Boulevard, Building 936
Slidell, LA 70458
(504) 646-7555/Fax: (504) 646-7588

Bureau of Land Management Eastern States Office

The Bureau of Land Management Eastern States Office provides information about educational programs, materials, and local land-management issues.

Education Coordinator
Bureau of Land Management
7450 Boston Boulevard
Springfield, VA 22153
(703) 440-1713

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher in-service programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region
Minerals Management Service
Office of Public Affairs
1201 Elmwood Park Boulevard, Mail Stop 500
New Orleans, LA 70123-2394
(504) 736-2595/Fax: (504) 736-2459

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Wayne Huston, Project WILD Coordinator
Department of Wildlife and Fisheries
P.O. Box 98000
Baton Rouge, LA 70898-9000
(504) 765-2922/Fax: (504) 763-3568

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Joseph Stone, Assistant Secretary
Louisiana Office of Labor
P.O. Box 94094
Baton Rouge, LA 70804-9094
(504) 342-7693/Fax: (504) 342-7960

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Marlon Abbas, Director
Aviation Education Resource Center
Louisiana State University
Transportation Systems Group
Louisiana Transportation Research Center
4101 Gourrier Avenue
Baton Rouge, LA 70808
(504) 767-9127

Ernie Bruce
Aviation Education Resource Center
Northeast Louisiana University
Chemistry & Natural Sciences Building, Room 103
Monroe, LA 71209-0590
(318) 342-1784

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
1445 Ross Avenue, Mail Stop 6X
Dallas, TX 75202
(214) 655-2204/Fax: (214) 655-2118

The President's Environmental Youth Awards (PEYA) Program

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program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6
1445 Ross Avenue
Dallas, TX 75202-2733
(214) 655-2204/Fax: (214) 655-2118

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Jim Pruitt, Acting Director
Education Programs Office
Mail Code CL01
NASA Marshall Space Flight Center
Huntsville, AL 35812-0001
(205) 544-8800

NASA Teacher Resource Center

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U.S. Space and Rocket Center
NASA Teacher Resource Center for Marshall
Space Flight Center
P.O. Box 070015
Huntsville, AL 35807-7015
(205) 544-5812

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Bossier Parish Community College
NASA Regional Teacher Resource Center
2719 Airline Drive
Bossier City, LA 71111
(318) 746-7754

Southern University-Shreveport
NASA Regional Teacher Resource Center
Downtown Metro Center
610 Texas Street
Shreveport, LA 71101
(318) 674-3444

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Louisiana Space Grant Consortium
Louisiana State University
Department of Physics and Astronomy
227 Nicholson Hall
Baton Rouge, LA 70803-4001
(504) 388-8697

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

Louisiana's Statewide Systemic Initiatives Program is designed to modernize mathematics and science curricula through changes in teacher preparation programs and enhancement of teaching skills. The integration of mathematics and science standards into curriculum development, textbook adoption, and assessment is a key objective, while additional objectives include upgrading teacher certification standards, incorporating technologies into the classroom, and involving parents in education.

Kerry Davidson, Senior Deputy Commissioner
Academic Affairs and Sponsored Research
Louisiana Board of Regents
150 Riverside Mall, Suite 129
Baton Rouge, LA 70801-1389
(504) 342-4253/Fax: (504) 342-9318
E-mail: kdavidson@ssi.edc.org

New Mexico

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Mary Ellen McKay
Extension Department Head
4-H and Family
Gerald Thomas Hall, Room 286
Drawer 3AE, New Mexico State University
Las Cruces, NM 88003
(505) 646-1161

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance

from agribusiness, educational institutions, and government.

Smokey Blanton, Coordinator
New Mexico Farm and Livestock Bureau
421 North Water Street
Las Cruces, NM 88001
(505) 526-5521/Fax: (505) 525-0858

Department of Defense (DoD)

Phillips Laboratory

Phillips Laboratory offers student apprenticeship programs designed to motivate students toward engineering and technical careers.

Richard Keppler
Phillips Laboratory/CA
3550 Aberdeen Avenue SE
Kirkland AFB, NM 87117-5776
(505) 846-1327

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Trisha Valdez
Eisenhower Professional Development Program
New Mexico Department of Education
300 Don Gaspar Street
Santa Fe, NM 87501-2786
(505) 827-4244/Fax: (505) 827-6696

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Dr. Bill Simpson
Eisenhower Professional Development Program
New Mexico Commission of Higher Education
1068 Cerrillos Road
Santa Fe, NM 87501-4295
(505) 827-7383/Fax: (505) 827-7392

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Kevin Rocap and Mike Webb, Co-Directors
Southwest & Pacific Regional Technology in Education Center
c/o College of Education
California State University, Long Beach
1250 Bellflower Boulevard
Long Beach, CA 90840-2201
(310) 985-1570/Fax: (310) 985-4528
E-mail: krocapi@csulb.edu

Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director
Southwest Consortium for the Improvement of Mathematics and Science Teaching
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Southwest Educational Development Laboratory (SEDL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director
Southwest Educational Development Laboratory
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Department of Energy (DOE)

Inhalation Toxicology Research Institute (ITRI)

Inhalation Toxicology Research Institute promotes environmental health science education through teacher research programs, high school summer programs, facility tours, and minority outreach programs.

Marcy Wood, Specialist
Inhalation Toxicology Research Institute
P.O. Box 5890
Albuquerque, NM 87185
(505) 845-1257/Fax: (505) 845-1198

Los Alamos National Laboratory

Los Alamos National Laboratory provides teacher enhancement workshops, student research internships, summer programs for students, outreach programs, and educational technology programs.

Judith Kaye, Group Leader
Science Education and Outreach
Los Alamos National Laboratory
P.O. Box 1663 HR-SEO, P278
Los Alamos, NM 87545
(505) 667-1919/Fax: (505) 665-4093
E-mail: jkaye@lanl.gov

Sandia National Laboratories (New Mexico)

Sandia National Laboratories (New Mexico) offer a science enhancement program for teachers and science and mathematics workshops for students. Sandia also manages a student mentorship program.

Anthony Thornton, Ph.D., Director
Diversity Leadership and Education Outreach
Sandia National Laboratories/New Mexico
Mail Stop 1088, P.O. Box 5800
Albuquerque, NM 87185-1088
(505) 844-4929/Fax: (505) 844-4624
E-mail: althorn@sandia.gov

Department of the Interior (DOI)

Aztec Ruins National Monument

Aztec Ruins National Monument offers educators guided walks and a teacher's guide that focuses primarily on anthropology and history, but also incorporates aspects of environmental education.

Interpretation Division
Aztec Ruins National Monument
P.O. Box 640
Aztec, NM 87410
(505) 334-6174

Bosque del Apache National Wildlife Refuge

Teacher workshops, in-school presentations, and various other environmental education activities are offered through the Bosque del Apache National Wildlife Refuge.

Outdoor Recreation Planner
Bosque del Apache National Wildlife Refuge
P.O. Box 1246
Socorro, NM 87801
(505) 835-1828/Fax: (505) 835-0324

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502-0115
(505) 438-7841

Carlsbad Caverns National Park

Programs offered at Carlsbad Caverns educate students and teachers about the site's geology and natural history.

Division of Interpretation
Carlsbad Caverns
3225 National Parks Highway
Carlsbad, NM 88220
(505) 885-8884

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Eddie Bennett, Project WILD Coordinator
New Mexico Game and Fish Department
State Capitol Building
Santa Fe, NM 87503
(505) 827-7867/Fax: (505) 827-7801

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Patrick G. Baca, Secretary
New Mexico Department of Labor
P.O. Box 1928
Albuquerque, NM 87103
(505) 841-8409/Fax: (505) 841-8491

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Richard S. Sanchez, Director
Aviation Education Resource Center
University of New Mexico
FAA/NASA Teacher Resource Center
Division of Continuing Education
Albuquerque, NM 87131-4006
(505) 277-2631

Judy McShannon
Aviation Education Resource Center
New Mexico State University
Goddard Hall, Room 103
Las Cruces, NM 88003-0001
(505) 646-6414

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
1445 Ross Avenue, Mail Stop 6X
Dallas, TX 75202
(214) 655-2204/Fax: (214) 655-2118

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate

program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6
1445 Ross Avenue
Dallas, TX 75202-2733
(214) 655-2204/Fax: (214) 655-2118

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice
Center Education Programs Officer
Public Affairs Office AP2
NASA Johnson Space Center
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-1257

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center
Teacher Resource Center
Mail Code AP-2
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-8696

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

University of New Mexico
NASA Regional Teacher Resource Center
Continuing Education and Community Service
1634 University Boulevard NE
Albuquerque, NM 87131-4006
(505) 277-3861

New Mexico State University
NASA Regional Teacher Resource Center
New Mexico Space Grant Consortium
Box 30001, Department SG
Las Cruces, NM 88003-0001
(505) 646-6414

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

New Mexico Space Grant Consortium
New Mexico State University
P.O. Box 30001, Department SG
Las Cruces, NM 88003-0001
(505) 646-6414

National Science Foundation (NSF)

Statewide Systemic Initiatives Program

New Mexico's Statewide Systemic Initiatives Program will advocate restructuring mathematics and science education, coordinate resources, and include the RE:Learning model for school-based reform to incorporate new content and pedagogy into mathematics and science curricula.

Mary Finch
1300 Camino Sierra Vista, #13
Santa Fe, NM 87501
(505) 984-0404/Fax: (505) 989-3882

Judith Kaye
Los Alamos National Laboratory
Laboratory MS P278
Los Alamos, NM 87545
(505) 667-1919

John Whitley
Sandia National Laboratories (New Mexico)
Organization 6905
Albuquerque, NM 87185
(505) 845-9763/Fax: (505) 844-7437

Oklahoma

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. James A. Rutledge
State 4-H Program Leader
Oklahoma State University
Room 205, Poultry Building
Stillwater, OK 74078-0330
(405) 744-5390

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricul-

tural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Dr. Charles Cox
Oklahoma State University
205 Poultry Science
Stillwater, OK 74078
(405) 744-5390/Fax: (405) 744-9693

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

Keith Haley
Eisenhower Professional Development Program
Oklahoma Department of Education
2500 North Lincoln Boulevard
Oklahoma City, OK 73105
(405) 521-3694/Fax: (405) 521-6205

Nancy S. Brock
Eisenhower Professional Development Program
Oklahoma Department of Education
2500 North Lincoln Boulevard
Oklahoma City, OK 73105
(405) 521-3361/Fax: (405) 521-6201

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Kermit McMurry
Eisenhower Professional Development Program
Oklahoma Regents for Higher Education
500 Education Building, State Complex
Oklahoma City, OK 73105-4503
(405) 524-9100/Fax: (405) 524-9230

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors
South Central Regional Technology in
Education Consortium
Dole Human Development Building, Suite 2021
University of Kansas
Lawrence, KS 66045
(913) 864-0710/Fax: (913) 864-4149
E-mail: jchaffin@quest.sped.ukans.edu

Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director
Southwest Consortium for the Improvement of
Mathematics and Science Teaching
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Southwest Educational Development Laboratory (SEDL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region, and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director
Southwest Educational Development Laboratory
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Department of Energy (DOE)

National Institute for Petroleum and Energy Research (NIPER)

The Education Outreach Program at NIPER develops partnerships to promote industry and community

support of science education. Programs include teacher training, workshops, student research programs, a teacher intern program, and the Oklahoma Science Bowl.

Judy Kokesh, Technology Transfer Specialist
National Institute for Petroleum and Energy
Research
Education Office, P.O. Box 2565
Bartlesville, OK 74005
(918) 337-4508/Fax: (918) 337-4365

Teacher Training in Oil and Gas Exploration

This is a 5-day course that provides an awareness of America's dependence on oil-based products, an understanding of basic Earth science concepts as applied to the exploration of oil and gas, first-hand experience with the tools used in exploration, and a field trip.

Judy Kokesh, Technology Transfer Specialist
National Institute for Petroleum and Energy
Research
Education Office, P.O. Box 2565
Bartlesville, OK 74005
(918) 337-4508/Fax: (918) 337-4365

Department of the Interior (DOI)

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502-0115
(505) 438-7841

Chickasaw National Recreation Area

Chickasaw National Recreation Area offers guided nature walks that focus on geology and environmental education.

Division of Interpretation
Chickasaw National Recreation Area
P.O. Box 201
Sulphur, OK 73086
(405) 622-3161

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Lisa Anderson, Project WILD Co-Coordinator
Department of Wildlife Conservation
1801 North Lincoln Boulevard
Oklahoma City, OK 73105
(405) 521-6704/Fax: (405) 521-6898

Lisa Knauf, Project WILD Co-Coordinator
Oklahoma Conservation Commission
2800 North Lincoln Boulevard, Suite 160
Oklahoma City, OK 73105
(405) 521-2384/Fax: (405) 521-6686

Wichita Mountains National Wildlife Refuge

Wichita Mountains National Wildlife Refuge offers environmental education programs, including teacher-accredited workshops. Curriculum materials are available.

Environmental Education Specialist
Wichita Mountains National Wildlife Refuge
Route 1, Box 448
Indianapolis, OK 73552
(405) 429-3221/Fax: (405) 429-9323

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

Glen E. Robards, Jr., Director of JTPA
Oklahoma Employment Security Commission
201 Will Rogers Building
Oklahoma City, OK 73105
(405) 557-5329/Fax: (405) 557-7256

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Robert Hoppers, AMC-5
FAA Aviation Education Representative
Aeronautical Center
FAA Mike Monroney
P.O. Box 25082
Oklahoma City, OK 73125
(405) 680-7500/Fax: (405) 954-4551

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration educational materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Dr. Lee Morris, Director
Aviation Education Resource Center
University of Oklahoma
Education and Aviation/Aerospace
1700 Asp Avenue
Norman, OK 73037-0001
(405) 325-1964

Steve Marks
Oklahoma State University
FAA Resource Center
308A CITD Building
Stillwater, OK 74078
(405) 744-7015

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
1445 Ross Avenue, Mail Stop 6X
Dallas, TX 75202
(214) 655-2204/Fax: (214) 655-2118

Robert S. Kerr Environmental Research Laboratory

Student employment and partnership programs are offered through the Robert S. Kerr Environmental Research Laboratory.

U.S. Environmental Protection Agency
Robert S. Kerr Environmental Research Laboratory
P.O. Box 1198
Ada, OK 74820
(405) 338-8800

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional

offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6
1445 Ross Avenue
Dallas, TX 75202-2733
(214) 655-2204/Fax: (214) 655-2118

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice
Center Education Programs Officer
Public Affairs Office AP2
NASA Johnson Space Center
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-1257

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center
Teacher Resource Center
Mail Code AP-2
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-8696

NASA Regional Teacher Resource Centers (RTRCs)

To offer more educators the opportunity to visit the NASA Teacher Resource Center Network, NASA forms partnerships with planetariums, universities, museums, and other nonprofit organizations to serve as RTRCs and plans to have RTRCs as broadly distributed geographically as possible. Teachers may preview NASA materials at these RTRCs or make copies of the materials.

Oklahoma State University
NASA Aerospace Education Resource Center
308A CIRD
Stillwater, OK 74078-0422
(405) 744-7009

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Oklahoma Space Grant Consortium
University of Oklahoma
College of Geosciences
100 East Boyd Avenue, Suite 1210
Norman, OK 73019-0628
(405) 325-1240

Texas

Department of Agriculture (USDA)

4-H State Leader

The State 4-H Youth Development Programs are administered by the Cooperative Extension Service at land-grant universities. State 4-H leaders coordinate outreach services and training to all county offices.

Dr. Lynne W. Thibodeaux
Assistant Director for 4-H and Youth
Development
Texas A&M University
809 University Drive, East, Building D&E
College Station, TX 77843-2473
(409) 845-1211

Ag in the Classroom State Leader

Ag in the Classroom promotes increased understanding of agriculture and possible careers in the agricultural sciences. With national leadership provided by the U.S. Department of Agriculture, each State manages its own programs in conjunction with assistance from agribusiness, educational institutions, and government.

Tad Duncan
Texas Farm Bureau
P.O. Box 2689
Waco, TX 76702-2689
(817) 772-2689/Fax: (817) 772-3628

Department of Commerce (DOC)

Flower Garden Banks National Marine Sanctuary

The Flower Garden Banks National Marine Sanctuary offers educational materials and in-school presentations.

Shelley Dupuy, Education Coordinator
Flower Garden Banks National Marine Sanctuary
1716 Briarcrest Drive, Suite 702
Bryant, TX 77802
(409) 847-9296/Fax: (409) 845-7525

National Sea Grant College Program, Operation Pathfinder Program

The Operation Pathfinder Program consists of 2-week summer courses that present an introduction to oceanographic and coastal processes. Courses are available in six regions and are designed to enhance skills in science teaching.

Sharon Walker
Mississippi-Alabama Sea Grant Consortium and
Gulf Coast Research Laboratory
P.O. Box 7000
Ocean Springs, MS 39566-7000
(601) 374-5550/Fax: (601) 374-5559

Department of Defense (DoD)

Brooks Air Force Base

Brooks Air Force Base offers in-class speakers and presentations upon request and also manages a high school student research program. A student summer hire program is also available.

Brooks Air Force Base
HSC/PA
2510 Kennedy Circle, Suite 1
Brooks Air Force Base, TX 78235-5020
(210) 536-3234

Chief of Naval Air Training, Corpus Christi

The Chief of Naval Air Training (CNATRA) in Corpus Christi, Texas, participates in the Navy Community Service Program through formation of partnerships with schools and other youth organizations in the area.

CNATRA, Corpus Christi TX
Commander
Chief of Naval Air Training
250 Lexington Boulevard, Suite 102
Code 00A2
Corpus Christi, TX 78419-5041
(512) 939-3502

Department of Education (ED)

Eisenhower State Coordinators

Eisenhower State Coordinators administer the Eisenhower Professional Development Program State Formula Grants. The program focuses on sustained and intensive high-quality professional development through inservice programs.

B.J. Gibson
Eisenhower Professional Development Program
Texas Education Agency
1701 North Congress
Austin, TX 78701
(512) 463-9006/Fax: (512) 475-2619

Eisenhower State Coordinators for Higher Education

Eisenhower State Coordinators oversee the Eisenhower Professional Development Program State Formula Grants for the State Agency for Higher Education (SAHE). The program focuses on teacher enhancement through both inservice and preservice programs.

Nan Broussard
Eisenhower Professional Development Program
Texas Higher Education Coordinating Board
7745 Chevy Chase, Building #5
P.O. Box 12788, Capitol Station
Austin, TX 78711
(512) 483-6319/6224/Fax: (512) 483-6522

Regional Technology in Education Consortium (R*TEC)

The R*TEC assists the State, districts, schools, adult literacy centers, and other educational entities to use advanced technology to support school reform. The R*TEC program includes professional development, technical assistance, and information dissemination.

Jerry D. Chaffin and Ron Aust, Co-Directors
South Central Regional Technology in
Education Consortium
Dole Human Development Building, Suite 2021
University of Kansas
Lawrence, KS 66045
(913) 864-0710/Fax: (913) 864-4149
E-mail: jchaffin@quest.sped.ukans.edu

Southwest Consortium for the Improvement of Mathematics and Science Teaching

The Eisenhower Regional Consortium provides information and technical assistance to help States and school districts improve mathematics and science education.

Wes Hoover, Director
Southwest Consortium for the Improvement of
Mathematics and Science Teaching
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Southwest Educational Development Laboratory (SEDL)

The Regional Educational Laboratory identifies effective teaching techniques and school improvement efforts within the region and shares this information with State and local educators.

Preston C. Kronkosky, Executive Director
Southwest Educational Development Laboratory
211 East Seventh Street
Austin, TX 78701
(512) 476-6861/Fax: (512) 476-2286

Department of Energy (DOE)

Pantex Plant

The Educational Outreach programs at the Pantex Plant are designed to promote interest in science, mathematics, and engineering among students attending educational institutions within Region XVI, the 26-county region in which Pantex is located. The region is composed of approximately 79,409 students and 5,997 teachers. The primary target audience for the Educational Outreach will be those schools, students, and teachers that fall within Region XVI. Many programs will directly impact at-risk students and students already identified as interested in the sciences. The major thrust of the Education Outreach initiative is directed to kindergarten through 12th grade. The primary message to students is that science, math, and engineering should be considered as major fields of study in higher education and as career choices. Pantex offers student tours, science fairs, and academic contests, loans New Explorers videos and teacher guides, and also sponsors a teacher internship program.

Debra Halliday
Educational Outreach Coordinator
Pantex Plant, External Affairs
Building 16-12
P.O. Box 30020
Amarillo, TX 79177
(806) 477-5038/Fax: (806) 477-5743
E-mail: goh_dhallida@pantex.com

Department of the Interior (DOI)

Big Thicket National Preserve

Big Thicket National Preserve offers interdisciplinary, curriculum-based environmental education programs for all age groups. Accredited teacher workshops are offered.

Leslie E. DuBey, Education Specialist
Big Thicket National Preserve
507 Pine Street
Woodville, TX 75979
(409) 283-2117/Fax: (409) 283-6976

Bureau of Land Management State Office

The Bureau of Land Management State Office provides information about educational programs, materials, and local land-management issues.

Theresa Herrera
Bureau of Land Management
P.O. Box 27115
Santa Fe, NM 87502-0115
(505) 438-7841

Minerals Management Service (MMS) Regional Office

The Minerals Management Service Regional Office provides educational services directed at sharing information about a variety of subjects. Teacher inservice programs and classroom visitations may include supplemental materials. Availability may be limited, but arrangements may be made for duplication of some materials at minimal cost.

Gulf of Mexico Outer Continental Shelf Region
Minerals Management Service
Office of Public Affairs
1201 Elmwood Park Boulevard, Mail Stop 500
New Orleans, LA 70123-2394
(504) 736-2595/Fax: (504) 736-2459

Padre Island National Seashore

Environmental programs, guided nature walks, and in-school presentations are offered by Padre Island National Seashore.

Division of Interpretation
Padre Island National Seashore
9405 South Padre Island Drive
Corpus Christi, TX 78418
(512) 937-2621

Project WILD

Project WILD offers teacher training and educational materials. Teacher guides, which contain more than 80 supplementary, interdisciplinary activities for grades K-12, are free to teachers who attend the training session.

Kathryn Hampton, Project WILD Coordinator
Texas Parks and Wildlife Department
4200 Smith School Road
Austin, TX 78744
(512) 328-6035/Fax: (512) 328-5632

Santa Ana National Wildlife Refuge Complex

The Santa Ana National Wildlife Refuge Complex provides teacher packets with lesson plans targeted for grades K-6, interpretive presentations, environmental education programs, and a visitor center that offers interpretive exhibits and displays.

Public Use Manager
Santa Ana National Wildlife Refuge Complex
Route 2, Box 202A, Room 225
Alamo, TX 78516-9509
(210) 630-4636/Fax: (210) 630-1653

Department of Labor (DOL)

Job Training Partnership Act (JTPA) Liaison

The Job Training Partnership Act Liaison can provide information about the Job Training Partnership Act State and local programs for economically disadvantaged adults and youth.

James E. Boyd, Director
Work Force Development Division
Texas Department of Commerce
P.O. Box 12728, Capitol Station
Austin, TX 78711-2728
(512) 320-9801/Fax: (512) 320-9875

Department of Transportation (DOT)

Aviation Career Education (ACE) Academy

The Federal Aviation Administration (FAA), along with a host educational institution, cosponsors this 1-week summer aviation education program for high school students. The program provides students with diverse aviation career exploration experiences. The program focuses on aviation career clusters identified by FAA, with an emphasis on opportunities for women and minorities. A goal is to have one program in each State and U.S. Territory. The FAA will conduct regional leadership workshops and provide funds based on the availability of resources.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Aviation Education Workshops for Teachers

Aviation Education Workshops for Teachers provide teachers with information on FAA aviation programs and materials and prepare them to teach aviation in the classroom. Annual workshops are conducted at colleges and universities across the Nation. The FAA provides information, materials, and speakers for the program.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Representative

The Federal Aviation Administration Aviation Education Representative coordinates aviation education services, including materials and programs for the FAA in the States assigned to the region.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Federal Aviation Administration (FAA) Aviation Education Resource Centers

Aviation Education Resource Centers, located at colleges, museums, and State aviation authority offices, function as information distribution centers for Federal Aviation Administration education materials and resources. The Resource Centers maintain and provide quantities of printed materials, videotapes, and computer educational software. Center personnel can also provide general information, conduct workshops, and make aviation-related presentations.

Isaac Nettey, Director
Aviation Education Resource Center
Texas Southern University
Airway Science Program
3100 Cleburne Avenue
Houston, TX 77004
(713) 639-1847

Olin Lancaster, Director
Aviation Education Resource Center
Frontiers of Flight Museum
Love Field Terminal, BL-38
Dallas, TX 75235
(214) 350-3600

Bruce Hoover
Aviation Education Resource Center
Palo Alto College, Aviation Department
1400 West Villarette
San Antonio, TX 78224
(512) 921-5162

Campus Librarian
Aviation Education Resource Center
Texas State Technical College
Aerospace Technologies
3801 Campus Drive
Waco, TX 78708
(817) 799-3611

Dr. Jim Milson, Chairman
Aviation Education Resource Center
University of Texas at El Paso
Education Building, Room 403
El Paso, TX 79968-0574
(915) 747-5426

National Congress on Aviation and Space Education

In partnership with the National Aeronautics and Space Administration and the Civil Air Patrol, the FAA annually presents teacher workshops and crosstalk sessions to exchange ideas on promoting aerospace education.

Debra Myers, ASW-18B
FAA Aviation Education Representative
2601 Meacham Boulevard
Fort Worth, TX 76193
(817) 222-5833/Fax: (817) 222-5950

Environmental Protection Agency (EPA)

EPA Regional Office

The regional office participates in environmental education programs for both teachers and students. Programs range from teacher workshops and student contests to in-school presentations. Information on environmental issues is also available through the Public Information Center located at the regional office.

Environmental Education Coordinator
Environmental Protection Agency
1445 Ross Avenue, Mail Stop 6X
Dallas, TX 75202
(214) 655-2204/Fax: (214) 655-2118

The President's Environmental Youth Awards (PEYA) Program

Young people from each State are invited to participate in the PEYA Program. This nationwide program is designed to encourage individuals, school classes, summer camps, public interest groups, and youth organizations to promote environmental awareness and positive community involvement. The two components of the program are the regional certificate program and the national awards competition. Regional certificates, signed by the President, are awarded to each participant by the EPA regional offices. National individual project winners, or one representative from a national award-winning group project, along with one sponsor, receive an expense-paid trip to Washington, DC. During a National

Awards Ceremony, they are honored by the President or the Vice President of the United States and by the Administrator of EPA. Interested K-12 individuals or groups may obtain application materials and contest rules by contacting the appropriate EPA regional office that services their State. PEYA has been an ongoing project since it was created by the White House Office of Education and the U.S. Environmental Protection Agency in 1971.

EPA Region 6
1445 Ross Avenue
Dallas, TX 75202-2733
(214) 655-2204/Fax: (214) 655-2118

National Aeronautics and Space Administration (NASA)

NASA Field Centers

Each NASA Field Center has an educational programs officer who is responsible for precollege education programs. In addition to administering national programs, the NASA Field Center offers programs and services to meet regional and local needs.

Dr. Robert W. Fitzmaurice
Center Education Programs Officer
Public Affairs Office AP2
NASA Johnson Space Center
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-1257

NASA Teacher Resource Center

The Teacher Resource Center has NASA-related educational materials in various formats, including laser discs, CD-ROMs, videotapes, slides, audiotapes, publications, and teacher guides. Teachers may preview or copy NASA materials upon request.

NASA Johnson Space Center
Teacher Resource Center
Mail Code AP-2
2101 NASA Road One
Houston, TX 77058-3696
(713) 483-8696

Space Grant Consortium

The Space Grant Consortium in each State consists of colleges, universities, industry, and other organizations that have an interest in aeronautics and space education. Each consortium receives NASA funds for use in implementing a balanced program of research, education, and public service.

Texas Space Grant Consortium
2901 North IH 35, Suite 200
Austin, TX 78722-2348
(512) 471-3583
(800) 248-8742

**National Science Foundation
(NSF)****Statewide Systemic Initiatives Program**

The Texas Statewide Systemic Initiatives Program will focus on changes in teacher development. Strategies include Renaissance Centers to house teams of master teachers, scientists, mathematicians, and higher education faculty to reform preservice and inservice programs; the involvement of business, industry, and universities to work with educational service centers and school districts; and the establishment of an infrastructure for distance learning.

Uri Triesman
Mathematics Department
University of Texas
Austin, TX 78712
(512) 471-6190/Fax: (512) 471-6193

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